

D. Parallel Sessions

i. Mainland China Sessions

(1) The Comprehensive Scheme on Green Retrofitting and Performance Enhancement of Existing Buildings in China

Session Organiser: China Academy of Building Research

SESSION OUTLINE

From 1995 to 2005, China's building stock nearly tripled, and it is expected to nearly triple again by 2030. This forum will investigate the governance of existing buildings in China from the policy perspective, the technology for improving energy efficiency of buildings, and the standards for green retrofitting.

Strategies have been developed to respond to different climatic conditions, building types and users. It will lead to different technical approaches and considerations on the green retrofitting policy and performance enhancement of buildings. Case studies will be used to illustrate the implementation process.

The forum has invited five experts to share their professional insights and academic research with us, including the retrofit of green roofs, retro-commissioning, and retrofits of existing commercial buildings, building performance enhancement of existing residential dwellings and the experience on sustainable building operational and management.

SESSION CHAIR

YIN Bo, Director, Division of Science and Technology, China Academy of Building Research (CABR)

SPEAKERS AND PRESENTATION TOPICS

- 1. The Roadmap on the Development of Comprehensive Scheme on Green Retrofitting and Performance Enhancement of Existing Buildings in China**
YIN Bo, Director, Division of Science and Technology, China Academy of Building Research (CABR)
- 2. The Appropriate Technologies and Practical Case Study on Green Retrofitting the Residential Dwellings in the Severe Cold Climatic Zone in China**
JIANG Yiqiang, Professor, School of Municipal and Environmental Engineering, Harbin Institute of Technology (HIT)
- 3. The Appropriate Technologies and Case Studies on Green Retrofitting the Healthcare Facilities in China**
DI Yanqiang, Head of Division, Division of Construction Technologies, China Building Technique Group Co., Ltd. (CBTGC)
- 4. The Case Studies and Technology Advancements on Green Retrofitting the Office Buildings in China**
ZHAO Li, Deputy Head, Division of Research and Development, China Academy of Building Research (CABR)