

THE BIG BUILD III

Are Efficient Designs Enough?

*Seminar-Workshop, Lectures,
Site Visit & Round Table*

October, 14-15-16
Madrid 2024

Organizers



POLITÉCNICA



CaminosUPM



Escuela de Arquitectura
Universidad de Alcalá



Colegio de Ingenieros
de Caminos,
Canales y Puertos

CAMINOS
MADRID



EVENT OVERVIEW

Organizing
Committee

The Spanish Group of IABSE (*International Association for Bridge and Structural Engineering*), the Escuela de Ingenieros de Caminos, Canales y Puertos of the Technical University of Madrid (UPM), the Escuela de Arquitectura of the University of Alcalá (UAH), and the Professional Association of Civil Engineers in Madrid organize the Seminar – Workshop, Lectures, Site Visit, and Round Table: ***The Big Build III. Are Efficient Designs Enough?***

The international design community is facing significant challenges in considering high density development in a post-Covid 19 environment. Human behavior, at least for the near term, has shifted toward a hybrid work where building occupancy in our major international cities has declined. Surplus of building stock is common. In addition, stricter expectations, and in some regions code requirements, are becoming widespread regarding limiting carbon emissions associated with construction and long-term operations. Some believe this adds significantly to building costs, others have found ways of incorporating new ideas for only modest or no cost, recuperating initial costs over time.

Are efficient designs enough? Arguably designs for the future must consider efficiency of space and material, commercial value, reduction or even more importantly absorption of carbon throughout a building life, and unique urban and building plans that attract people back to cities.

M. Dolores G. Pulido, Rosa Cervera Sardá, Jorge Bernabéu Larena, Alfredo Cámara Casado, and Roberto Revilla Angulo

Poly International Plaza, Beijing, SOM, *Picture by Bruce Damonte*

ROUND TABLE

Presentation
Moderator
Panelists

When?
Where?

Registration

The Big Build III. Are Efficient Designs Enough?

M. Dolores Esteban Pérez – Dean of Colegio ICCP in Madrid

M. Dolores G. Pulido – Chair of the Spanish Group of IABSE

Mark Sarkisian - SOM

Rosa M. Cervera Sardá - University of Alcalá & Cervera Arquitectos

Juan Carlos Arroyo Portero - Calter

Jorge Bernabéu Larena - UPM & Bernabéu Ingenieros

José A. Martín-Caro - INES Consultant Engineers & UPM

Álvaro Serrano Corral – MC2 Estudio de Ingeniería & UPM

Wednesday 16 October 2024, 18:00 h - 20:30 h

Colegio de Ingenieros de Caminos, Canales y Puertos,
Room Auditorio, c/ Almagro, 42, 28010 Madrid

Free admission. To register, send an e-mail to the IABSE Spanish Group (geiabse@iabse.org) indicating the attendee's given name and surnames, affiliation, and e-mail address.

Nuevas Torres Colón, Madrid; LVA + architects – CALTER Ingeniería
Picture by Paco Gómez