



29<sup>th</sup> - 30<sup>th</sup> July, 2015 in Jakarta

1<sup>st</sup> September, 2015 in Singapore

## Energy Efficiency in Buildings Laboratory – Indonesia

Private sector leadership for energy efficiency in buildings

A project of the World Business Council for Sustainable Development and its partners in Indonesia, Malaysia and Singapore



### A SHORT HISTORY

Recognizing the significance of energy consumption by buildings, which accounts for about 40 % of energy consumption globally, the WBCSD initiated the cross-industry Energy Efficiency in Buildings (EEB) project in 2006. Completed in 2010, the first phase of the EEB project (EEB1.0) sought to create an understanding of both the challenges and opportunities within the building sector; delivering a [roadmap for market transformation](#) to improve energy efficiency.

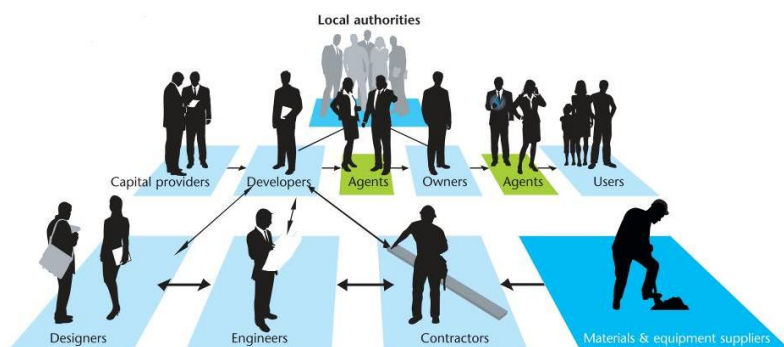
Against this background, with much evidence on the sound financial and non-financial business case for improved energy efficiency in buildings, the WBCSD launched EEB 2.0. This project aims to work with partners to trigger market transformation and seek 1,000 commitments from decision makers to undertake bold actions.

### ENGAGEMENT PROCESS

The objective of the EEB 2.0 project is to unlock financially viable energy efficiency investments that today are not being realized because of mostly “non-technical” barriers; e.g., lack of awareness/capacity, financial constraints, lack of policy and regulatory signals, and key stakeholder conflicts of interest, which block many building market players from acting.

**The cornerstone of each local market engagement is the EEB Laboratory (EEB Lab), which aims to get a clear understanding of the market situation and, with the help of a panel of experts, deliver on an action plan for achieving market transformation with a set of clear local stakeholders’ commitments.**

After San Francisco, Shanghai, [Warsaw](#), [Houston](#), Bangalore, Rio de Janeiro and the Netherlands/Belgium, the Energy Efficiency in Buildings Laboratory is now coming to Indonesia, Malaysia and Singapore.



---

## THE EEB LAB

The EEB Laboratory (EEB Lab) will take place on **29 - 30 July 2015** in Jakarta. It will seek to convene building market stakeholders from Indonesia - namely city representatives, policy makers, developers, investors, designers, engineering firms, facility managers, owner-occupiers, and corporate tenants - to facilitate dialogue, define action, and gain commitments around 4 core topics:

- Awareness (benefits of EEB)
- Business models/Investing and Financing
- Verifying value and return on investments
- Policy and regulation

The EEB lab will address these topics for **new and existing commercial buildings**. Solutions to adapt technologies for the tropical markets will also be tackled.

**The EEB lab will result in one action plan developed by a panel of local experts (called Technical Committee). The action plan will detail the steps to overcome identified market barriers and accelerate the deployment of energy efficient buildings solutions.**

**Preparation of market reviews** – The National University of Singapore and BCSD Singapore have prepared a market review to provide an overview of information on the EEB market in Indonesia. This market review is primarily prepared to provide background information for the interview process.

**On July 29<sup>th</sup> in Jakarta**, the expert panel will facilitate a series of interviews of critical building market stakeholders to consolidate the understanding of the state of play in the markets and the opportunities for action.

**On July 30<sup>th</sup> in Jakarta**, this panel of experts will interpret the interviews and deepen the analysis during a series of roundtables on the core topics above. Opportunities for action will be defined, and stakeholder commitments will be pursued.

During that same week, a panel of experts will do the same exercise in Kuala Lumpur (27<sup>th</sup> and 28<sup>th</sup> July) and Singapore (30<sup>th</sup> and 31<sup>st</sup> July).

---

## NEXT STEPS

**On September 1<sup>st</sup> in Singapore**, as co-located events during the Singapore Green Building Week (SGBW), where the [International Green Building Conference](#) (IGBC) will be the anchor event, two sessions will conclude the EEB Lab:

- In the morning, the expert panels from Indonesia, Malaysia and Singapore will meet to share their findings;
- In the afternoon, a high level plenary session will conclude the EEB Lab with the feedback on the actions, commitments and next steps defined during the Laboratory.

A report will then consolidate the findings of the EEB lab and detail the three action plans (one per country) that will be brought forward by local partners.

As an example, check out the action plan and commitments resulting from the EEB labs in [Warsaw](#) and [Houston](#).

---

## CONTACTS

**Anggita Sari**, PR & Government Relation Officer,  
Green Building Council Indonesia  
[fe.anggita@gbcindonesia.org](mailto:fe.anggita@gbcindonesia.org)

**Faiza Fauziah**, Indonesia Business Council for Sustainable Development  
[faiza@ibcsd.or.id](mailto:faiza@ibcsd.or.id)

---

## MEMBERS & PARTNERS



EEB 2.0 project members

Lafarge (co-chair); United Technologies (co-chair)  
AGC; AkzoNobel; ARCADIS; ArcelorMittal; ENGIE;  
Infosys; Schneider Electric; SGS; Siemens; Skanska

EEB2.0 Global partners

International Energy Agency; Urban Land Institute;  
World Green Building Council