Energy Efficiency in Buildings

Cities solutions for energy efficiency in rapidly urbanizing and climate resilient world

Delphine Garin, WBCSD
WBCSD – Business Solutions for a Sustainable World

200 Global member companies

$8tn Aggregate revenue of members

16m Employees in WBCSD member companies

67 Countries Global Network partners
Energy Efficiency in Buildings project (EEB2.0)

Unlock **financially viable energy efficiency investments** that today are not being realized because of mostly non-technical

**Co-Chairs:**

**Core Group:**

**Partners:**
9 action plans...to address non-technical barriers

- Houston/US
- Warsaw/Poland
- Rio de Janeiro/Brazil
- Bangalore & Jaipur/India
- Belgium/The Netherlands
- Singapore
- Jakarta/Indonesia
- Kuala Lumpur/Malaysia
- China
Solution in cities – example of Houston

EEB lab resulted in the set up of 4 actions committees:

1. **Finance** (bring PACE to the Houston market; ICP)
2. **Operations** (develop capacity of building operators)
3. **Policy** (advise on policies around benchmarking, building audits and operator training)
4. **Communications** (develop a communication platform)
A Call to Action

140+ signatories

+ Toolkit to plan and initiate financially viable EEB investments (web tool – Dec.2015)

MANIFESTO FOR ENERGY EFFICIENCY IN BUILDINGS

Buildings consume approximately 40% of all energy produced globally – more than transport or industry. Energy used in buildings is a major contributor to climate change, hence it must be addressed.

Business, public authorities, professional bodies and environmental organizations must share the task of supporting and driving the transformation of the building market towards radically lower energy use in buildings.

Leadership in energy efficiency in buildings represents opportunities to reduce resource use, improve workplace productivity, and minimize impacts on the environment, all of which contribute to healthier, more sustainable cities.

These collective efforts can set new sustainability standards for buildings that will incentivize investment in energy efficient buildings and will result in significant reductions in worldwide energy use and corresponding carbon emissions.

This Manifesto and its accompanying implementation guide aim to mobilize business, governments and local authorities to improve the energy performance of their buildings as outlined in the Energy Efficiency in Buildings: Transforming the Market report.

By signing this Manifesto, the organization commits to:

1. Establishing a baseline of energy use in the buildings it controls and set time-bases energy and/or CO2-reduction targets that will help to achieve transformative change.
2. Publish a policy for minimum energy performance levels in its buildings.
3. Define and carry out an audit program and implementation strategy to meet energy targets for its buildings.
4. Publish annually buildings' energy use, CO2 emissions and progress against reduction targets, in the annual report or publicly available document.
5. Further promote building energy efficiency among employees and other stakeholders, through advocacy, R&D, education and training.

We the undersigned, hereby pledge to the intentions outlined above.

Signature: ________________________ Date: ________________________

Organization: __________________________
By 2030, 50% of projected energy use in buildings can be avoided by action on energy efficiency in buildings.

Low Carbon Technology Partnership initiative

LCTPi on EEB

Knowledge to break the barriers

Convening Power to act locally

Scale up to deliver the ambition
Thank you!