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Copenhagen Centre on Energy Efficiency

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## Accelerating Energy Efficiency: From Commitment to Action

Editorial by Ligia Noronha, Director, Division of Technology Industry and Economics, UNEP



2015 was a milestone year for the global transition towards sustainable development. Not only was there a global agreement on the 2030 Agenda for Sustainable Development, with its 17 Sustainable Development Goals (SDGs), but there was also the adoption of the Paris Agreement on Climate Change and the Addis Ababa Action Agenda.

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**C2E2 News**

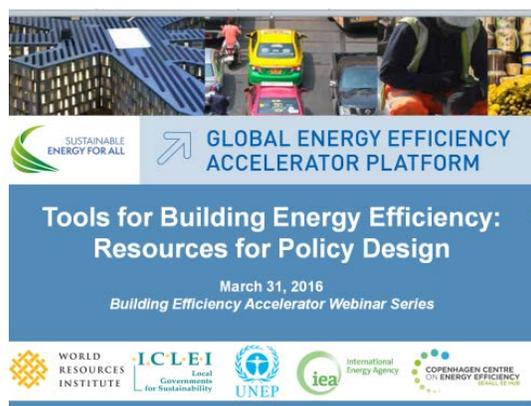
**Knowledge Management System Launched**



On May 11, SE4All's new CEO, Rachel Kyte, launched the Copenhagen Centre's new Knowledge Management System (KMS) at EE Global in Washington DC. This state-of-the-art KMS is a one-stop system for accessing the latest in energy efficiency news, knowledge, publications, databases and tools from around the world. Accessible and user-friendly, the KMS provides targeted information for energy efficiency policy makers and practitioners.

Through the platform, users can contribute news, knowledge and information on energy efficiency relating to a wide variety of sectors including transport, industry, equipment and appliances, lighting, buildings, district energy, finance and power. Users can also "Become an Expert" in selected sectors, a function which allows fellow users to contact them with collaborative opportunities. [Visit the C2E2 Knowledge Management System](#)

## Sharing Knowledge and Building Capacity through Webinars



The Copenhagen Centre's has commenced its Webinar series, to disseminate the latest knowledge and best practices to help accelerate energy efficiency action globally. In March 2016, the Centre organised three webinars covering [best policy practices for energy efficiency improvement](#), [industrial best practices](#) as well as [tools for energy efficiency policy design in the building sector](#).

These webinars have successfully shared best practice policies, programs and tools on energy

efficiency with a global audience. The questions generated by participants created lots of interesting discussion and connections.

Three more webinars are scheduled for June 2016 including 'Tools for Building Energy Efficiency Implementation', 'Holistic Approach to Accelerating Energy Efficiency Action' and 'Building Codes and Certification'. For more information, visit C2E2's [website](#).

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## UN City in Denmark receives EE Visionary Award



Once again, the award-winning architecture of UN City, which houses the Copenhagen Centre on Energy Efficiency and nine UN agencies, has been honoured for being energy efficient. This time, UN City was the recipient of the EE Visionary Award, which is given to exceptional campuses around the world that have made a steadfast commitment to an energy efficient future. Presented to UNEP-DTU Director John Christensen on May 11 at the Energy Efficiency Global Forum in Washington D.C., the award highlights the fact that UN City has cut its predicted energy consumption by 55 percent, earning the Danish building code's highest energy efficiency rating. 'I hope the UN City Building continues to serve as inspiration for further energy efficiency improvements around the world,' remarked Dr. Christensen.

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## The Copenhagen Centre at EE Global



The Copenhagen Centre was front and centre during a number of sessions and side events at the 2016 edition of the [EE Global Forum](#), held on May 11 and 12 in Washington D.C. [Sustainable Energy for All](#) was well represented at EE Global through keynote remarks by new CEO, Rachel Kyte, and panel presentations by Chief Partnerships Officer, Sandrine Dixson-Declève and other SE4All staff. The Copenhagen Centre organised a two-hour Intensive Learning Session to showcase the [Global Energy Efficiency Accelerator Platform](#), and to outline the activities of each Accelerator as a replicable, scalable example of public private partnership for energy efficiency implementation. The Copenhagen Centre in partnership with [10YFP](#) also convened a panel discussion on the role of energy efficiency in sustainable tourism.

[Read more](#)

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## News from SE4All Partners

### World Bank and ADB provide loans for energy efficiency in India

In 2015, India pledged to reduce the energy intensity of its economy by 33 to 35 percent below 2005 levels by 2030. The Indian government has also found



that increased energy efficiency is critical to containing energy demand

without jeopardising the country's growth. Now India's ambitious initiatives have won significant funding support from two major SE4All partners: the World Bank and the Asian Development Bank (ADB).

[Read more](#)

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## SE4All: Helping us all go further, faster

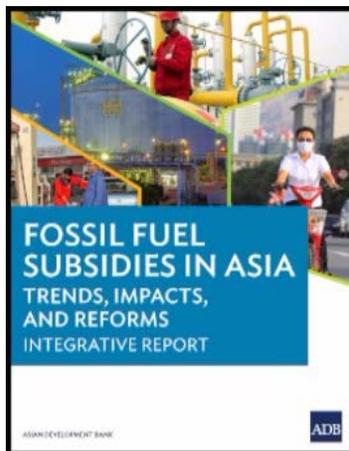


The Paris agreement, according to Rachel Kyte, CEO of SE4All, increases the stakes for Sustainable Development Goal 7 (SDG 7): Affordable and Clean Energy. 'What Paris did to the SDG,' she explained during a briefing at the United Nations

headquarters in New York last March, 'is make it even more urgent that we get going on an energy transition that delivers sustainable energy to those who don't have it sooner rather than later.'

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## ADB releases new publication on fossil fuel subsidies in Asia

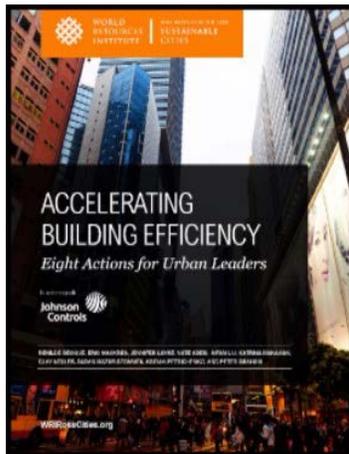


Subsidies for coal, natural gas and oil not only provide inexpensive energy to end-users, they also reduce the incentive for investment in energy efficiency and conservation, and make it difficult for renewable energy to compete with fossil fuels. The new Asian Development Bank publication, [Fuel Subsidies in Asia: Trends, Impacts, and Reforms - Integrative Report](#), examines fossil fuel subsidies in India, Indonesia and Thailand. The cost of associated subsidies is also assessed, including direct transfers, tax

exemptions, subsidised credit and losses of state enterprises. The analysis shows that reduction or removal of the subsidies leads to higher fossil fuel prices, which can motivate households and businesses to shift to renewable energy. Removing subsidies can also increase the attractiveness of clean energy investment, increase energy supply, reduce energy shortages and cut greenhouse gas emissions. The government budget freed up from subsidies can be used to compensate poor households and offset the negative effects of the initial price rise. These savings can also be used to promote sustainable energy use and help allay fears related to energy transition.

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## SE4All's Building Accelerator releases guide to building efficiency in cities



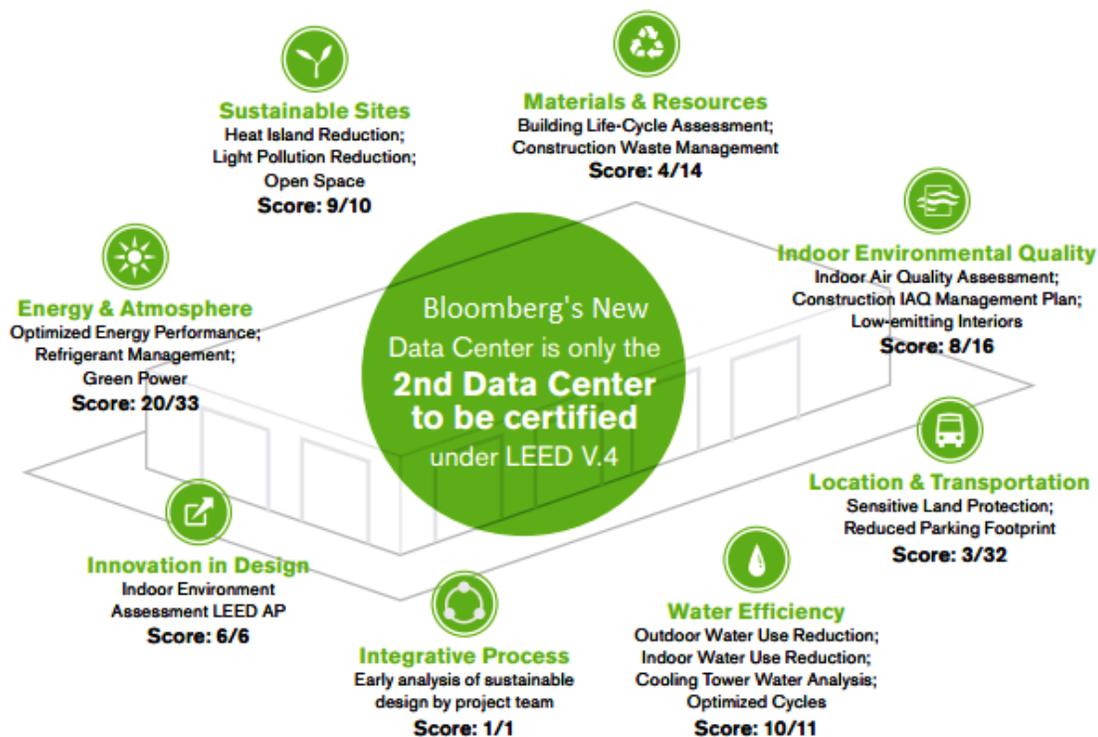
Accounting for about one third of the global energy consumption, the building sector offers a considerable cost-effective energy saving potential, a large part of which still remains untapped. A new report by the World Resources Institute (WRI), [Accelerating Building Efficiency: Eight Actions for Urban Leaders](#) offers practical advice for city leaders for accelerating the uptake of energy efficiency in buildings, including eight specific actions covering various policy instruments.

Developed by WRI, Johnson Controls (the lead on the SE4All Building Efficiency Accelerator, BEA), Johnson Controls, and a number of BEA's partners (including C2E2) the report includes recommendations that, if implemented in policy packages tailored to local conditions, will help surmount barriers to energy efficiency and facilitate the transition to more sustainable cities.

Ksenia Petrichenko, a researcher from the Copenhagen Centre, co-authored part of this report.

## Commitment and Actions by Private Sector

### Bloomberg saves USD 2.2 million annually with a new LEED Gold Data Centre



By expanding demand reduction strategies and infrastructure investments, Bloomberg, the international financial software, data and media company, has committed to achieving 50 percent energy efficiency improvement by 2020 as compared to its 2007 baseline.

[Read more](#)

### Accenture plans to improve energy efficiency by 30 percent by 2020



By the end of fiscal 2020, Accenture—an international professional service company that specialises in strategy, consulting, digital, technology and operations—aims to improve its energy efficiency per square metre of office space by 30 percent against its 2007 baseline. Accenture's energy management programmes are designed to bring together people, process and technology solutions to advance the goal of reducing carbon impact. Since the outset of these programmes in 2007, the collective energy efficiency of Accenture's offices around the globe has improved more than 28 percent. Over time, these improvements have helped save an estimated 740,000 megawatt hours of electricity and more than 450,000 metric tons of CO<sub>2</sub>, or the equivalent of a reduction in oil consumption of more than 1 million barrels. These efficiency gains also saved more than USD 96 million in energy spent over the same period.

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## Meet C2E2 Experts at upcoming events in June

In June, the Copenhagen Centre on Energy Efficiency will be on the go, informing the public about the benefits of energy efficiency and models for implementation. Please sign up to find out more about what we are doing to advance energy efficiency. Here are some of the events where the Centre will be presenting its work:

### Free Workshop on Accelerating Energy Efficiency Actions

Would you like to participate in a forum on recent international energy efficiency developments? Come to Science Centre NEMO in Amsterdam on June 6 for a joint workshop conducted by C2E2 and the



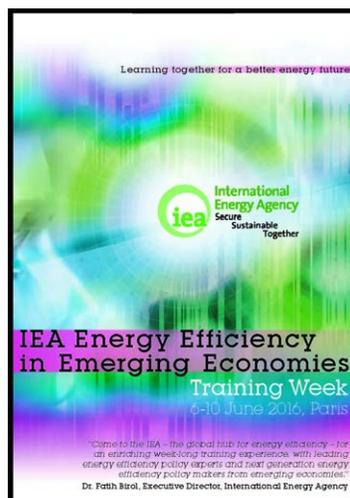
[European Commission Joint Research Centre](#). Entitled “**A Holistic Approach to Accelerating Energy Efficiency Action,**” the

workshop is the lead up to the [International Energy Policy & Programme Evaluation Conference \(IEPPEC\)](#), which will take place at the same location from June 7 to 9. At the workshop, participants will get an up-close look at practices and methodologies that support the acceleration of energy efficiency actions. Other workshop topics will include international collaborative activities, knowledge tools, best-practice policies and energy efficiency obligation schemes under Article 7 of the EU’s Energy Efficiency Directive.

Participation is free of charge, so do not hesitate to register at the [IEPPEC Workshops' page](#). If you would prefer to participate online, the event will be livestreamed in webinar format. Please register for the webinar [here](#).

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## C2E2 supports IEA’s Energy Efficiency Training Week



Energy efficiency might not be the first thing that comes to mind when you think of Paris, but soon it will be when International Energy Agency (IEA) hosts its second annual [Energy Efficiency in Emerging Economies Training Week](#) there in June. As it did last year, the Copenhagen Centre will be supporting the event, which will be held from June 6 to 10 at the IEA offices in Paris. The ambitious programme includes both cross-sectoral sessions that are open to all participants, as well as four advanced courses on specific sectors.

During the training week, advanced courses are offered on each of the following end-use sectors: 1) Building; 2) Lighting, Appliances and Equipment; 3) Industry; and 4) Transport (co-hosted with the Global Fuel Economy Initiative (GFEI)). Each course will offer a mix of lectures,

interactive discussions, practical exercises and a site visit. Ksenia Petrichenko and Tim Farrell from the Copenhagen Centre will help teach the courses on building and lighting, appliances and equipment.

The event will be attended by around 100 'next generation' energy efficiency professionals from emerging economies, primarily from government institutions and supporting organisations. The aim of the training is to equip junior energy efficiency policy makers in emerging economies with the skills they need to be more effective in their roles.

Further information on the training week can be found [here](#).

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## More events

- Global Green Growth Forum, Copenhagen, Denmark, 6 - 7 June. More details and registration [here](#).
  - Asia Clean Energy Forum, Manila, Philippines, 7 - 10 June. The Copenhagen Centre is running a one-day workshop and chairing the energy efficiency track of the three-day forum. More details and registration [here](#).
  - E2 Energy Efficiency for Industry Conference, 13 - 16 June, Brussels, Belgium. The Copenhagen Centre will be making a presentation on Industrial Energy Efficiency. More details and registration [here](#).
  - European Union Sustainable Energy Week, Brussels, Belgium, 14 June. A high-level session on the SE4All Global Energy Efficiency Accelerator Platform. More details and registration [here](#).
  - C4E Central and Eastern European Energy Efficiency Forum, Balchik, Bulgaria, 22 - 25 June. The Copenhagen Centre will be presenting on Energy efficiency status and opportunities in Belarus and Moldova. More details and registration [here](#).
  - African Carbon Forum 2016, Kigali, Rwanda, 28 - 30 June. C2E2 will organise a side event on energy efficiency opportunities and initiatives in Africa. More information [here](#).
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The Copenhagen Centre on Energy Efficiency (C2E2) is the thematic hub for energy efficiency with the prime responsibility to support action towards the SE4All energy efficiency target of doubling the global rate of improvement in energy efficiency by 2030.

C2E2 is institutionally part of the UNEP DTU Partnership.

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