

Copenhagen Centre on Energy Efficiency

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Newsletter No. 6; September 2017



## Forging partnerships with countries, cities and districts



As the global energy efficiency hub of Sustainable Energy for All (SEforAll), the Copenhagen Centre on Energy Efficiency creates partnerships with aspiring countries, cities and districts in order to connect them with the technology, service and finance providers who can convert their ambitions into agreed policies, funded projects and real results. These direct engagements can then be used to provide a model of coordination that can be replicated elsewhere.

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## News from Copenhagen Centre on Energy Efficiency

### Energy efficiency partnerships - Tbilisi, Georgia

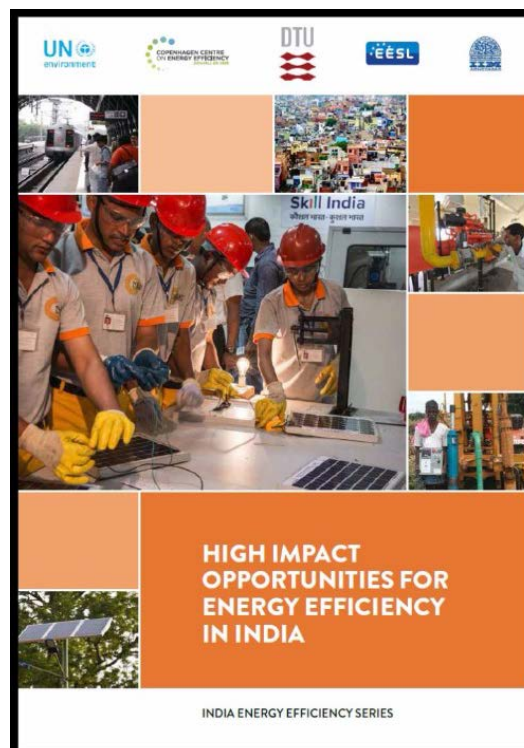
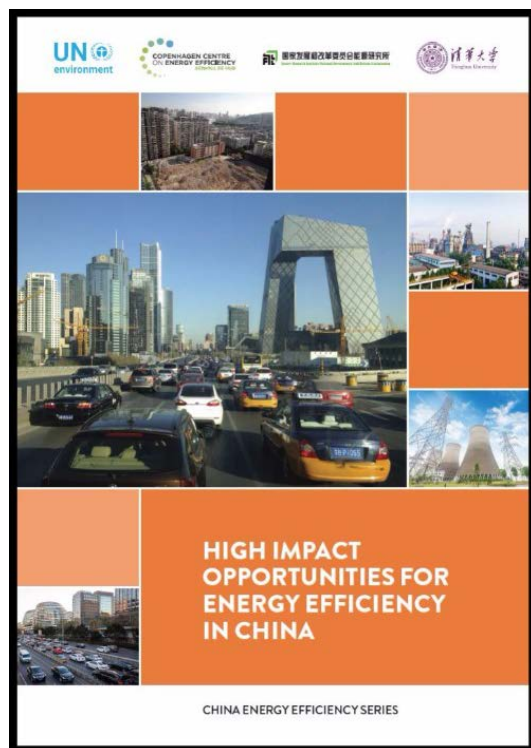


The Copenhagen Centre has started dialogues with a range of different countries and cities to explore opportunities for replicable energy efficiency implementation. As a part of this dialogue process, the Centre produces a summary of the opportunities and issues uncovered as an 'Energy Efficiency Brief', which provides a signpost towards the joint work that we will progress in the location. The Energy Efficiency Brief related to the City of Tbilisi in Georgia was released at the Eighth International Forum on Energy for Sustainable Development in Astana, Kazakhstan.

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### New publications on High Impact Opportunities for Energy Efficiency in China and India



The Copenhagen Centre on Energy Efficiency has released new publications on High Impact Opportunities for Energy Efficiency in China and India.

[High Impact Opportunities for Energy Efficiency in China](#) presents an analysis of energy efficiency opportunities and actions in a number of key sectors in China aimed at inspiring other countries. The assessment highlights some of the conditions for success that will be essential for replication in other parts of the world. The report presents six HIOs for improvements to energy efficiency in the transport, building, industry and power sectors, which are expected to have huge impacts on improving energy efficiency in China by 2050.

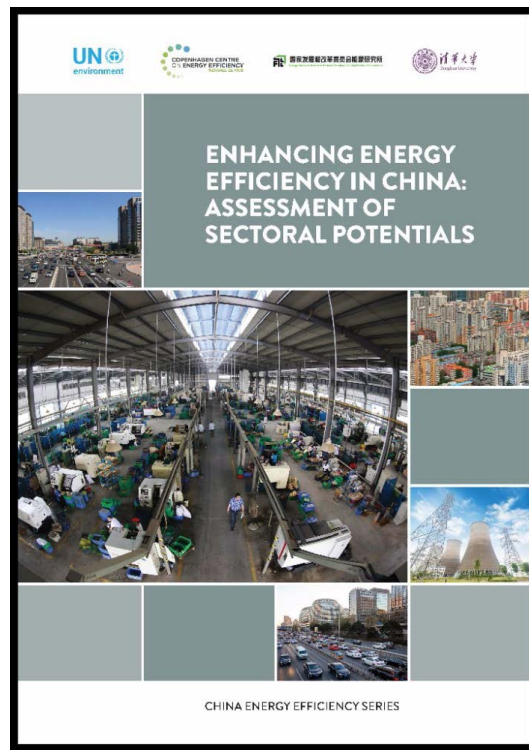
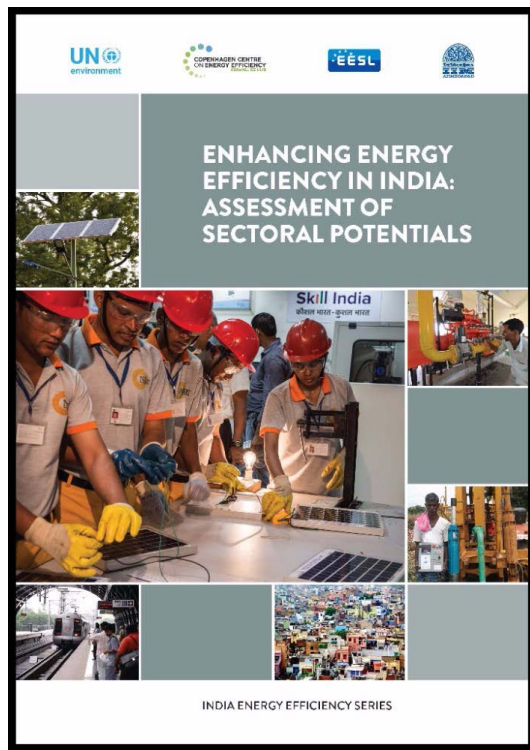
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The publication, [High Impact Opportunities for Energy Efficiency in India](#), describes four High Impact Opportunities (HIOs) for making improvements in energy efficiency in India in the residential, industrial and agricultural sectors.

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## New Publications on Enhancing Energy Efficiency in India and China



China and India stand out from other countries, due to their rapid economic development, large populations, rapid urbanization and growing industrial sectors. Energy efficiency delivers not only reductions in energy consumption and emissions, if implemented properly, it will also provide opportunities for economy-wide multiple benefits, such as improved health and well-being, cleaner air and more jobs.

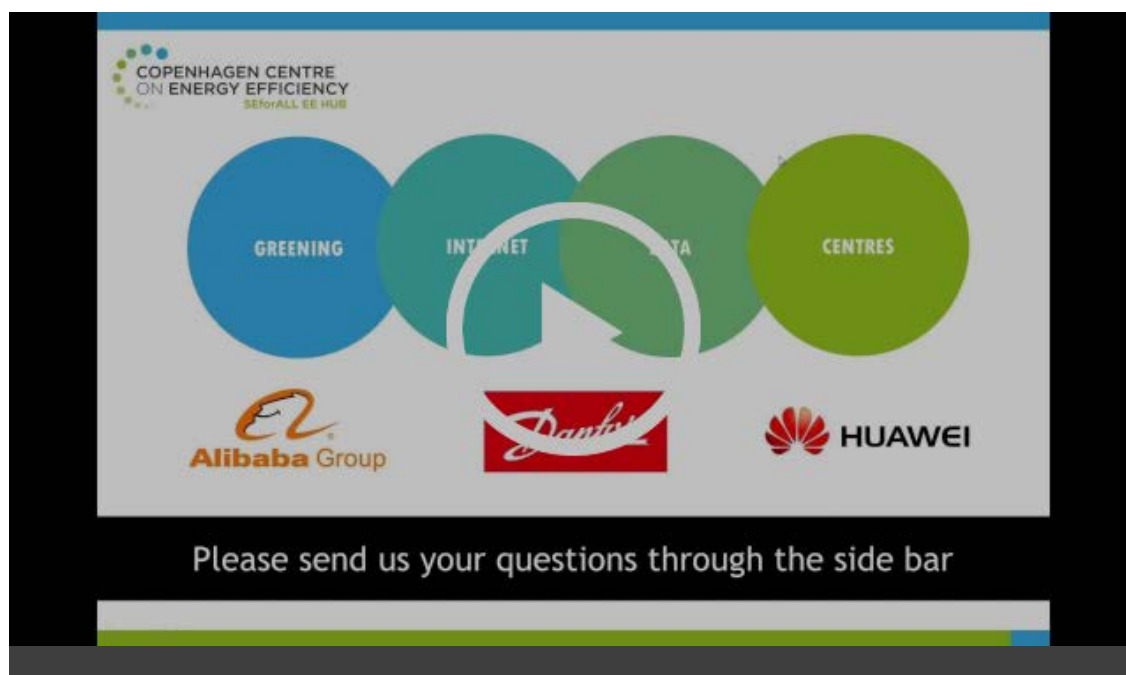
In two new publications, *Enhancing Energy Efficiency in India: Assessment of sectoral potentials* and *Enhancing Energy efficiency in China: Assessment of sectoral potentials*, key high-impact opportunities (HIOs) are identified for improvements in energy efficiency in India and China, both from a technical and structural perspective.

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**Watch Webinar: How to make internet data centres more energy- efficient?**





The amount of energy consumed by the world's data centres amounts to about 3% of global electricity supply and accounts for about 2% of total greenhouse gas emissions. That gives it the same carbon footprint as the airline industry. To address the challenges associated with the growing demand for energy from the world's internet data centres, the Copenhagen Centre on Energy Efficiency has recorded a webinar together with experts from Alibaba, Huawei and Danfoss.

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## News from SEforAll Partners

### **SEforALL reveals new initiative to address growing challenge of providing cooling solutions for all**

The new Cooling for All initiative will focus on how to embed growing cooling demands that can reach everyone within a clean energy transition, and in turn, support faster progress to achieve the goals of the Montreal Protocol's Kigali Amendment agreed last year in Rwanda.



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## 5 ways to attract private investment to energy-efficient buildings



Photo: Shutterstock

More than ever before, investors see opportunities to make money in energy infrastructure upgrades like efficient buildings, clean transportation and renewable energy generation. Good public policies can complement and drive private investment to building efficiency. How? In the buildings sector, we hear at least five ways.

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## Reducing emissions by shifting to 100 million EVs by 2030



Photo: Shutterstock

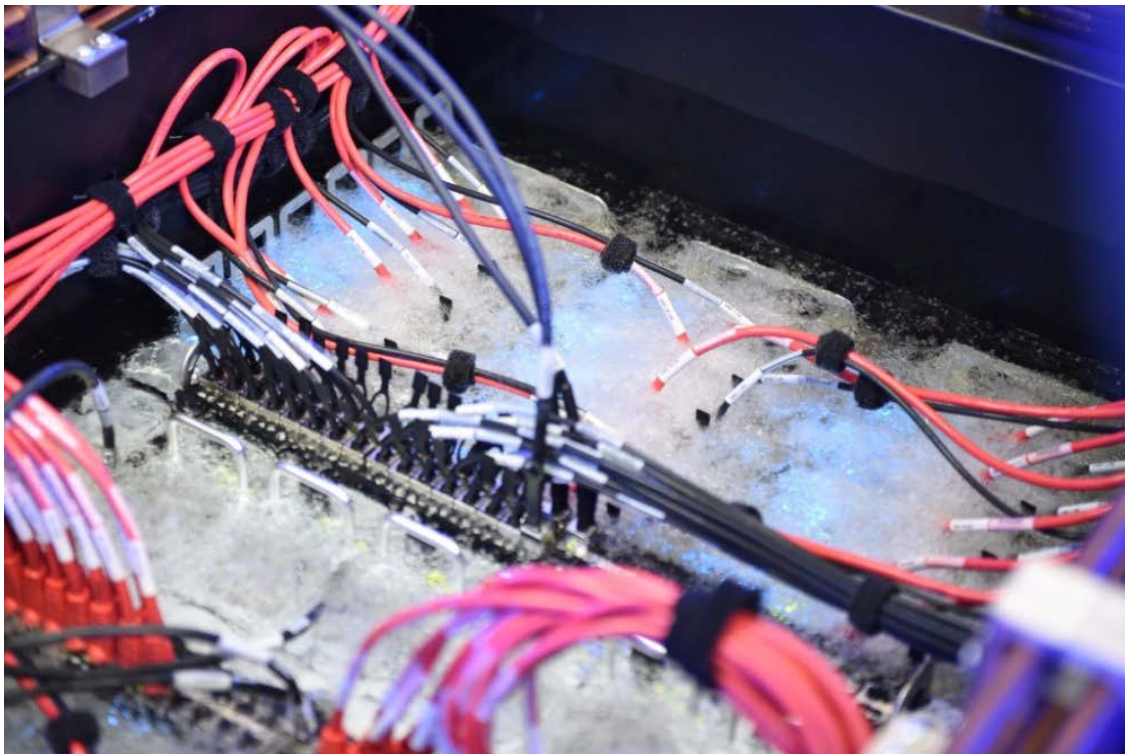
In order to achieve very low CO2 emissions by 2050, transportation will need to shift strongly away from fossil fuels. For light-duty vehicles, the most obvious pathway now is toward electric vehicles. By 2030, the UN and others have called for at least 100 million EVs, in order to be “on track”. This new GFEI report is part 2 of a study of the potential to achieve a particular target of electric and plug-in hybrid vehicle sales worldwide by 2030.

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## Commitment and Actions by Private Sector

### Alibaba Cloud adopts eco-friendly approach to advancing data center technology



With temperatures falling as low as -38 , the harsh winter in the Hebei Province, China makes outdoor work impossible for up to six months of the year. But it is precisely these adverse climate conditions that also make possible the unique cooling system used in Alibaba Cloud's North China Data Center.

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### Meet Copenhagen Centre's experts at these upcoming events

1. **DES Pilot City Selection Kick-off Meeting**, 15 September, Yantai, China
  2. **Data Center Fom 2017**, 21 September, Copenhagen, Denmark
  3. **ASHRAE RAL CRC 2017**, 21-24 September, Sharm El Sheikh, Egypt
  4. **Russian Energy Week 2017**, 4-7 October, Moscow, Russia.
  5. **Latin America & Caribbean Carbon Forum 2017**, 18-20 October, Mexico City, Mexico
  6. **National Steering Committee of DES**, 23-26 October, Delhi, India
  7. **COP23**, 6-17 November, Bonn, Germany.
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The Copenhagen Centre on Energy Efficiency (Copenhagen Centre) 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.

The Copenhagen Centre is institutionally part of the UNEP DTU Partnership.

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