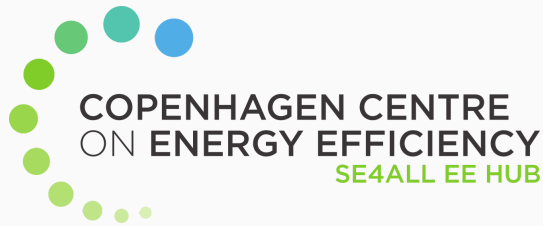


Copenhagen Centre on Energy Efficiency
Newsletter 1, February 2016

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Accelerating Energy Efficiency under SE4All

Editorial by Rachel Kyte, SE4All CEO



The Paris Agreement has added urgency to the quest for a doubling of rates of energy efficiency improvement as universally agreed in the 7th Sustainable Development Goal in September at the United Nations. With zero net emissions in the global economy an inevitable outcome of the ambition of the Paris Agreement, and with NDCs mapping out a future temperature rise of more than 3 degrees, as opposed to the agreed limit of below 2 degrees, it is clear that the key to making our ambitions a reality is to kick-start energy productivity, especially across the major economies and those whose productivity lags behind good practice at a time when they are focused on growth and meeting the basic needs of their people.

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C2E2 News

Regional Reports and Global Workshop on Accelerating Energy Efficiency



In August 2015, the Copenhagen Centre launched four reports summarising the barriers and opportunities involved in accelerating energy efficiency. Covering 53 countries in four regions ([Africa](#), [Southeast Asia](#), [Latin America and Caribbean](#), and [Eastern Europe, Caucasus and Central Asia](#)), the reports were disseminated at selected international events and workshops. One such event was the Copenhagen Centre's [Global Workshop to Accelerate Energy Efficiency: Challenges, Opportunities and Roadmaps](#). Held in Copenhagen from November 9 to 12, the event attracted over 70 participants from 17 countries, providing an opportunity for representatives from the private sector, government and financial institutions to share knowledge and implementation experiences. Individual countries made presentations of possible actions that would boost energy efficiency, as well as ideas for collaborating with the Copenhagen Centre and other partners. [Click to access the workshop report and presentations.](#)

C2E2 Establishes Secretariat for the Global Energy Efficiency Accelerator Platform



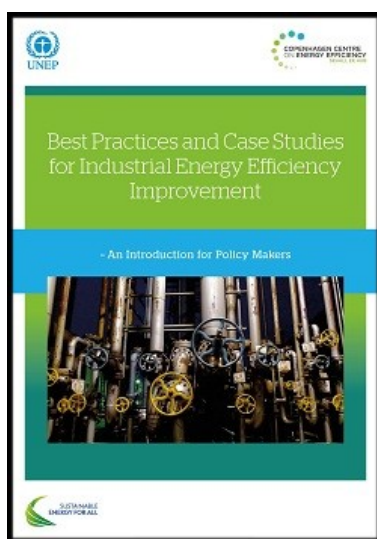
A Secretariat for the [Global Energy Efficiency Accelerator Platform](#) was established in September 2015 and is housed in the Copenhagen Centre. While the Secretariat will take on an organisational role, a range of leading international energy efficiency organisations will offer

targeted support for individual sectors such as buildings, industry, vehicles, lighting, appliances,

district energy, power and finance.

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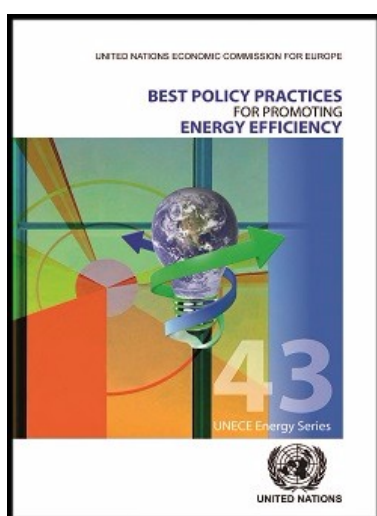
New C2E2 Publication Showcases Best Practices in Industrial Energy Efficiency



Globally, industry accounts for about 29 percent of final energy consumption and employs some 23 percent of the world's workforce. Designed to support policymakers, the new report [*Best Practices and Case Studies for Industrial Energy Efficiency Improvement - An Introduction for Policy Makers*](#) includes dozens of examples of successful policies and programs, and provides tips on how to replicate successful implementation.

[Read more](#)

Best Policy Practices for Promoting Energy Efficiency



A joint publication by the Copenhagen Centre on Energy Efficiency and the United Nations Economic Commission for Europe (UNECE) provides a suite of existing energy efficiency policies that stand out as best practices. This publication is timely, as out of the 187 countries that outlined voluntary plans to decelerate greenhouse gas emissions in their Intended Nationally Determined Contributions (INDCs) at COP21, 165 countries mentioned energy efficiency.

The policies identified in this report include exemplars of best practices in energy efficiency from around the globe, drawn from respected and objective policy evaluations and databases. For countries starting to develop energy efficiency programs, the outlined policies offer guidance on what works, increasing the reader's confidence when exploring and selecting options. For

countries with established and proficient energy efficiency programs, this report is useful for validating policies and offers a set of policy benchmarks. This publication is one of the key outputs of UNECE's Group of Experts on Energy Efficiency, which the Copenhagen Centre currently chairs. [Click to access the publication.](#)

News from SE4All Partners

SE4All Workshop on Energy Efficiency in Central America



Last fall, SE4All and its partners conducted a successful workshop in El Salvador entitled

Towards an Energy Efficient Central America in 2030. Held from November 11 to 13, partners included the Councillor of Directors of the Electric Energy Trading Chamber (CCEE), the Central America Integration System (SICA) and the National Council for Energy of El Salvador (CNE). Participants from Costa Rica, Panama, Dominican Republic, Nicaragua, Honduras, Guatemala, El Salvador and Mexico are now preparing their SE4All Action Agendas, which should be completed in the first half of 2016.

SE4All and UNEP Events See Hundreds of Organisations Commit to Energy Efficiency at COP 21

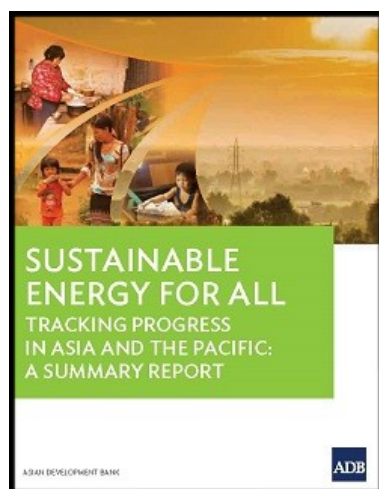
At the COP21 in Paris, SE4All and UNEP convened key events on Energy Day, held on 7 December 2015 at COP21 in Paris. UNEP's "Energy Efficiency – the Game Changer" event showcased the work of the various Accelerators and reaffirmed UNEP's commitment to energy efficiency in various sectors.

A highlight of SE4All's flagship energy efficiency event on Energy Day was that some 775 companies, 130 national, regional and local governments and more than 130 banks and institutional investors (managing close to USD 4 trillion), committed to ramping up energy efficiency measures and investments as a result of SE4All's 100/100/100 campaign and as part of the SE4All We Commit business campaign. The We Commit campaign was designed to stimulate particularly private sector engagement to advance energy efficiency during the lead up to COP21. We Commit succeeded in gathering hundreds of commitments on energy efficiency measures, and collected private sector commitments from all continents, totalling 33 countries,

including Australia, Brazil, China, the European Union, India, Mexico, the Philippines, Russia, South Africa, and the United States. SE4All will continue to intensively engage with the private sector in this regard and pursue its goals of universal access to sustainable energy, doubling the share of renewable energy in the global mix and doubling the rate of improvement in energy efficiency by 2030.

In the SE4All Energy Day event's closing ceremony, Secretary General Ban-Ki Moon declared that "Last year, at the Climate Summit in New York, we launched the SE4All Global Energy Efficiency Accelerator Platform. Today, we can celebrate commitments from more than 100 businesses, 100 cities and jurisdictions, and 100 banks. Energy efficiency is one of our best tools for reducing energy-related emissions - saving energy is a 'triple-win' solution."

Asia-Pacific Regional Hub Launches First Tracking Report for SE4All



"Tracking Progress in Asia and the Pacific," a new report by Asian Development Bank - SE4All's Asia-Pacific Regional Hub, summarises the performance of the region in achieving the objectives of improved energy efficiency and universal energy access. According to the report, countries in the region have shown significant progress in putting in place policy measures and programs to increase energy access, energy efficiency and renewable energy use over the last five years. The publication examines the region's

specific qualities, challenges and opportunities in relation to the global situation, as analysed in SE4All's guiding "Global Tracking Framework." Finally, the report shows how meeting SE4All's 2030 objectives in Asia will greatly contribute to meeting them worldwide. [Click to download the publication.](#)

The African Development Bank promotes SE4All's Country Action Agendas



As host of the SE4All Africa Hub, the African Development Bank (AfDB) is at the forefront in the design of national action process and strategies.

The Bank provides guidance, training and feedback to countries in developing national SE4All Action Agendas and Investment Prospectuses. The AfDB directly supports the development of Action Agendas and Investment Prospectus in several countries. As of October 2015, the work has been completed in Kenya, Tanzania, and Rwanda and work is continuing in six countries: Angola, Cameroon, Democratic Republic of Congo, Malawi, Zambia and Zimbabwe. Energy efficiency is a central focus of these Action Agendas.

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IEA Explores Energy Efficiency Prosperity at COP21



As part of the COP21 in Paris last December, the International Energy Agency (IEA) held an innovative conference on Energy Efficient Prosperity.

The goal of the event was to move beyond discussions about energy savings and examine the social and economic outcomes of energy efficiency policies around the world. Over a dozen speakers from countries including China, Ghana, India, Ukraine and South Africa, and organisations such as CLASP, the World Health Organisation and the European Bank for Reconstruction and Development gave presentations at the conference. Topics included economic development, productivity, safety, health, comfort, access and other benefits resulting from energy efficiency policies. The agenda and presentations can be found [here](#).

The event was built on the [IEA Multiple Benefits](#) work and other IEA efforts to connect energy efficiency to broader development goals, with the aim of attracting senior decision makers outside the energy efficiency community. It also feeds into IEA efforts to improve evaluation frameworks in several emerging economies, by promoting, among other things, the non-energy benefits of energy efficiency policies. For more information, please contact sara.pasquier@iea.org.

World Bank Details Concrete Ways to Boost Finance for Sustainable Energy

Investment from both the public and private sectors will need to triple to more than US\$1



trillion per year to meet SE4All's goal of sustainable energy for all by 2030, according to latest World Bank estimates. As highlighted in "Scaling up Finance for Sustainable Energy Investments," around half of the investment needed is for

improving energy efficiency. Published by the finance committee of SE4All's Advisory board, this study also identifies four broad investment themes for driving increased investment:

- developing the Green Bond market;
- using development finance institutions' de-risking instruments to mobilise private capital;
- exploring insurance products that focus on removing specific risks; and
- developing aggregation structures that focus on bundling and pooling approaches for small-scale projects. [Click to download the Report.](#)

News from the Private Sector

Danfoss Pledges to Cut Energy Consumption in Half by 2030



Danfoss, a world leading provider of energy efficient technologies and solutions for heating and cooling systems, is accelerating its energy efficiency efforts by introducing ambitious climate targets.

Noting that most of the world's energy consumption comes from industry and buildings, has focused its Climate Strategy 2030 on doing more with less in its own business processes, production and buildings. By 2030, the company aims to run its business using half as much energy and emitting half as much CO₂ as in 2007.

[Read more](#)

Philips Commits to Becoming Carbon Neutral by 2020 at COP21

On COP21's Energy Day (December 7,

reducing greenhouse gas emissions by cutting its own carbon footprint to zero by 2020. Since 2007, company has reduced its carbon footprint by 40 percent, and now aims to accelerate its emissions reductions and achieve carbon neutrality in the next five years. Philips plans to meet the goal through a multi-pronged approach aimed at driving down energy consumption in own operations by reducing energy use, logistics and business travel.

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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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