SUSTAINABLE ENERGY FOR ALL

Gas Competence Seminar 22-23 September 2015
Maputo, Mozambique
Presentation of SE4All Agenda
Mr. Erik KJAER, Chief, Country Action Programme
Sustainable Energy for All Goal

One Goal:

Achieving Sustainable Energy for All by 2030

Three Objectives:
The Global Facilitation Team in Vienna
SE4All network

2 Global Facilitation Offices
10 SE4All Regional and Thematic Hubs
2000 practitioners on the ground
Sustainable Energy for All Highlights (I)

1 BILLION+
People expected to gain sustainable energy from Sustainable Energy for All (SE4ALL) partner commitments made at and since the United Nations Conference on Sustainable Development (Rio+20)

$300 BILLION+
Committed to sustainable energy for all during and since Rio+20

$70 BILLION+
Of Rio+20 commitments already invested in sustainable energy for all

90 million+
People have so far gained access to sustainable energy from Rio+20 commitments

SDG 7
The proposed universal sustainable development goal (SDG) on energy

$120 BILLION
Potential for new annual investments in sustainable energy through four identified financial instruments

10
Regional and thematic SE4ALL hubs
Supporting sustainable energy implementation around the world
Sustainable Energy for All Highlights (II)

100/100/100+
Central and local governments/companies/financiers being mobilized to drive the SE4ALL Global Energy Efficiency Accelerator Platform towards the UN Climate Change Conference in 2015.

60,000+
Facebook and Twitter followers of SE4ALL.

CO₂ 8.6 gigatons
Potential annual CO₂ emissions reduced from doubling the share of renewable energy in the global energy mix by 2030.

1,000+
Participants at the first annual UN Sustainable Energy for All Forum.

43
SE4ALL Rapid Assessments and gap analyses carried out in partner countries so far.

50
SE4ALL high-impact opportunities identified, six of which are already operationalized.

2,000+
Members in the SE4ALL Energy Access Practitioners Network.

23
Organizations working on the SE4ALL global tracking framework.
SE4All Highlights (III)

- SE4All’s Advisory Board, co-chaired by UN Secretary-General Ban Ki-moon and World Bank Group President Jim Yong Kim, provides strategic advice to SE4All and the SE4All Executive Committee provides guidance, direction and advice to the Chief Executive SE4All.
- Already commitments towards SE4All can halve energy poverty.
- SE4All is coordinating a group of international organizations in drafting an Energy Access Action Plan for the G20.
- SE4All has launched a Global Energy Efficiency Accelerator Platform at Climate Summit – targeting COP 21 and beyond.
- UN Decade 2014-2024 was dedicated to SE4All first two years focus on energy-children-health-nexus campaign.
- 106 countries have so far joined SE4All as partners.
SE4All – ongoing activities

- SE4All is interested in more Action-Agendas and Investment Prospectuses on country level.
- These AAs and IPs should cover: Access, Renewable Energy but also Energy Efficiency (i.e. roadmaps pertaining to one or more of the EE Accelerator areas: buildings, lighting, transport, district energy, industry, appliances).
- The Accelerator Platform stands ready to assist in EE sectors.
- SE4All seeks commitments on energy efficiency by countries, cities and businesses – COP 21.
"Convert commitments into kilowatt hours for real people"

Kandeh Yumkella
at the Second SE4All Forum in NY, May 2015
Energy Efficiency brings enormous benefits

Source: IEA
Why is energy efficiency important?

• Greater energy efficiency provides a **triple rationale** for action through advancement towards achieving global climate goals in the form of emissions reductions, economic benefits (increased productivity, lower costs, net job creation) and improvement of people’s well-being.

• Targeted energy efficiency measures such as those under the **Global Energy Efficiency Accelerator Platform**, can deliver 50 per cent of the emissions reductions required to put the world on a 2°C pathway by 2020. (as laid out in the International Energy Agency’s 4-for-2°C Scenario)

• Targeted energy efficiency measures can **reduce emissions by 1.5 Gt** while **generating $250-325 billion in savings** for consumers each year (UNEP).

• A cumulative investment of $8.2 trillion in energy efficiency is more than offset by fuel cost savings of $10.6 trillion, leading to a global economic boost of $11.4 trillion over the period 2012-2030, according to IEA’s Efficient World Scenario.
The **Global Energy Efficiency Accelerator Platform** was established by SE4All to promote the objective of doubling the rate of energy efficiency improvement by 2030.

The Accelerator Platform *drives and supports action and commitments* by national and sub-national leaders at the country, city, state, regional, or business and sector level as well as by donors, funders and supporters of this initiative.

A key deliverable of the Accelerator Platform in each jurisdiction where it engages will be a **Roadmap that describes the policies and projects** that will be taken in order to achieve the energy efficiency improvements.

The Roadmap will also be used by SE4ALL to **mobilize support from a global network of experts, institutions and businesses** participating in this major global initiative.
# Energy Efficiency Accelerator Sectors

The Accelerator Platform was established to support specific sector-based energy efficiency Accelerators.

<table>
<thead>
<tr>
<th>Sector</th>
<th>Description</th>
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<tbody>
<tr>
<td><strong>Lighting</strong></td>
<td>Global market transformation to efficient lighting</td>
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<tr>
<td><strong>Appliances &amp; Equipment</strong></td>
<td>Global market transformation to efficient appliances &amp; equipment</td>
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<tr>
<td><strong>Vehicle Fuel Efficiency</strong></td>
<td>Improve the fuel economy capacity of the global car fleet</td>
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<tr>
<td><strong>Buildings</strong></td>
<td>Promote sustainable building policies &amp; practices worldwide</td>
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<td><strong>District Energy</strong></td>
<td>Support national &amp; municipal governments to develop or scale-up district energy systems</td>
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<tr>
<td><strong>Industry</strong></td>
<td>Implementing Energy Management Systems, technologies &amp; practices</td>
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Power Sector Accelerator is under development.
Thanks for listening.

Erik Kjaer, e.kjaer@se4all.org