



SUSTAINABLE
ENERGY FOR ALL

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May, 2015

Sustainable Energy for All Initiative

- One Goal: Achieving Sustainable Energy for All by 2030
- Three targets:



ENSURING
universal access
TO MODERN ENERGY
SERVICES.



DOUBLING THE GLOBAL
RATE OF IMPROVEMENT IN
energy efficiency.



DOUBLING THE SHARE OF
renewable energy
IN THE GLOBAL
ENERGY MIX.

Key components and Multiple Stakeholders

All parties must act...

...and work together to realize a world with Sustainable Energy for All

Governments

National governments
Public institutions
Cities and municipalities
Multilateral organizations
Bilateral development partners

Businesses

Energy companies
Financial players
All companies

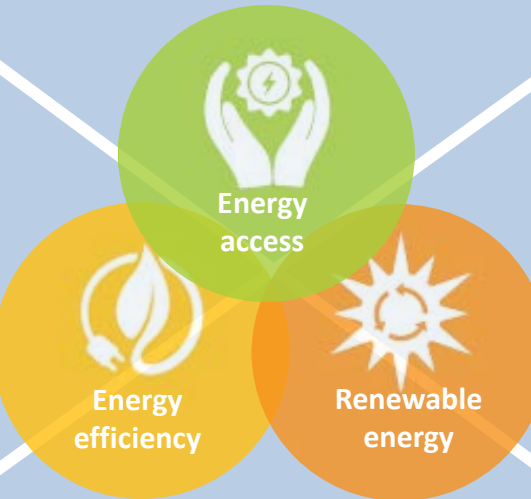
Civil society

Organization
Academic institutions
Individuals

Global Network of Partners committed to promote and support the scaling up of action and investments in a number of Action Areas in support of the SE4ALL objectives

Country Action to accelerate progress toward nationally-tailored sustainable energy for all objectives, based on country's own needs and priorities

Advisory Board Committees in key areas to mobilize multi-stakeholder partnerships, commitments and investment in support of three objectives



Global Tracking Framework to recognize achievements, share lessons and ensure accountability

Key Achievements To-Date

Political momentum has grown in support of Sustainable Energy for All- SDG7

International Year of Sustainable Energy for All (2012); Oslo Conference on Energy for All, World Future Energy Summit, Conference of Energy Ministers of Africa, EU Sustainable Energy for All Summit, SIDS Ministerial Conference on Achieving SE4All, The 3rd Clean Energy Ministerial, Rio+20, UN Decade on Sustainable Energy for All (2014-2024)

Over 100 countries have opted-in to Sustainable Energy for All

Stock-taking/gap analysis has been completed in over 40 countries. Several countries preparing Action Plans and Investment Prospectuses to scale up action and investments

Hundreds of actions and commitments are under way in support of Sustainable Energy for All

Businesses and investors committed more than USD \$50 billion toward the initiative's three objectives. Additional billions were committed by other key stakeholders – governments, multilateral development banks, and international institutions – to catalyze action in support of the initiative. More than a billion people will benefit from these commitments.

Strong leadership by businesses are driving key High Impact Opportunities

Gas flaring reduction (Statoil, World Bank etc); Clean cooking (Global Alliance for Cook Stoves etc) Finance (Bank of America etc) Energy and Women's Health (WHO, UNF, UN-Women etc); Off-grid lighting (USDOE, UNEP etc); Sustainable bioenergy (Novozymes etc); Many more High Impact Opportunities under development;

Leveraging the Power of Civil Society

Civil Society Roadmap; Joint outreach and advocacy events; Rapidly expanding network of civil society actors in support of the initiative (e.g. through Practitioners' Network)

Establishment of Global Tracking Framework to keep track of progress towards Sustainable Energy for All targets

A set of indicators for energy access, energy efficiency and renewable energy
Joint work of over 20 globally respected organization, led by IEA and the World Bank
Global launch in May 2013 at Vienna Energy Forum

Building the Initiative

Brief Update

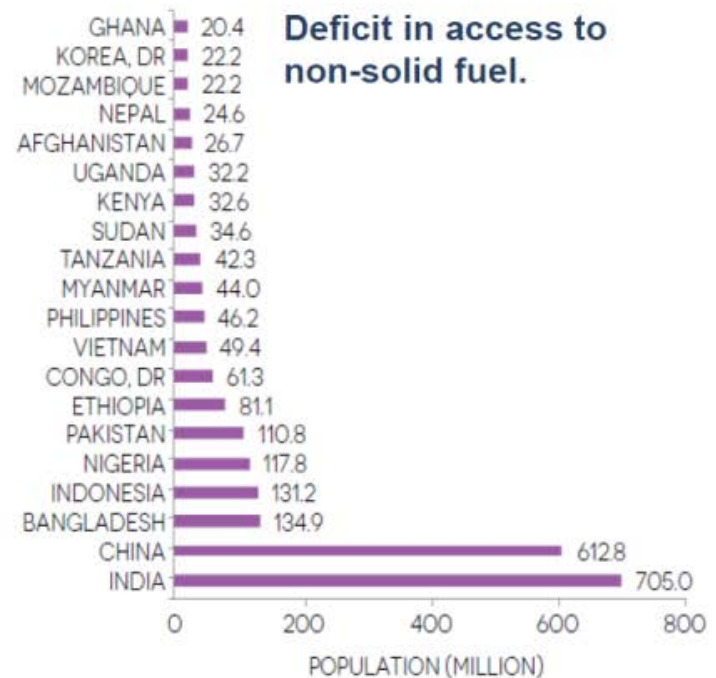
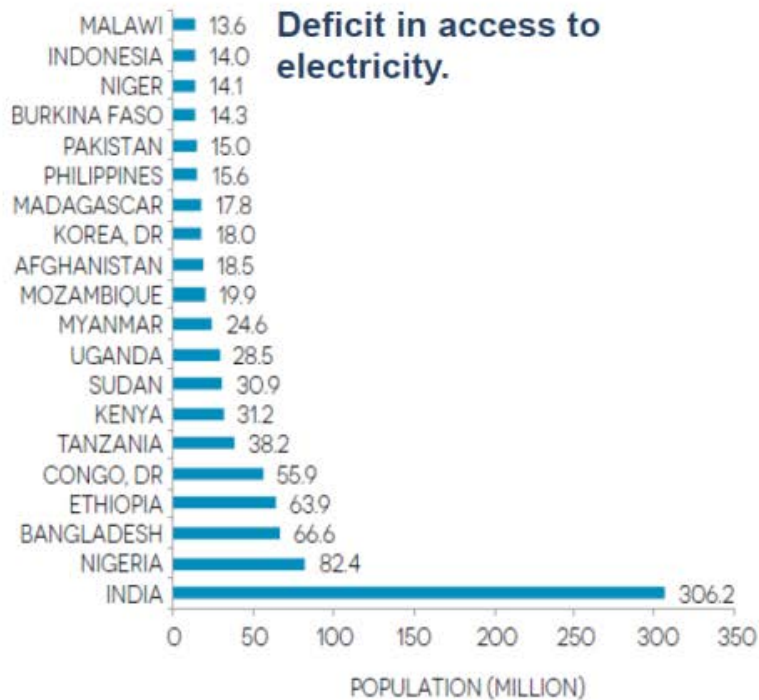
- **Advisory Board** – chaired by the UN Secretary General and the President of the World Bank – China among its members
- **A Global Tracking Report** – led by the World Bank and the International Energy Agency to be issued bi-annually to track progress on milestones
- **Political Process** - Governments negotiating the post-MDG development agenda - one SDG (SDG 7) dedicated to sustainable energy in proposal
- **Global Facilitation Team office** - established in Vienna as of July 1, 2013 to support global work in various streams including political process
- **Advisory Board Committees** – Four committees – composed of Advisory Board and external members - established to provide overall guidance and support in each of three goals and finance
- **Regional and Thematic Hubs** – Several Hubs established to provide resources, technical support and closer contact with regions and expertise
- **Over 100 partners countries engaged in partnership with SE4ALL** – Many of these are in process of formulating Action Agendas and Investment Prospectuses
- **Hundreds of Actions and Multi-stake holder Engagement** – Many of these driven by Country Action work stream or Advisory Board Committee work plans, e.g. Global Energy Efficiency Accelerator Program





High-impact countries.

- 1.3 billion people lack access to electricity.
- 2.7 billion people rely on traditional biomass.
- Energy poverty is a problem affecting the developing world.



SE4ALL Partners' Commitments to reduce Energy Poverty by 50%, by 2030

	EU + Germany: 600 million people
poor People	US – Power Africa: 300 million people
poor	
Finance	EU: €3.5 Billion to leverage €30 Billion
	US: \$32 Billion
Others:	China, India,...

SE4ALL ACHIEVEMENTS:

Financing

So Far

- EU target 500 million people by 2030
€400 million aid blending facilities
€80 million Africa (AA and IP)
- OFID USD \$1 billion per year
- AfDB USD \$1 billion per year
- IADB USD \$1 billion so far (USD \$5 billion /5years)
- BoA USD \$500 million Green Bond
- USA USD \$30 billion for Africa
- Norway USD \$ 336 million (NOK 2 billion) for EE and RE

Pipeline

- EU €3.5 billion to leverage it to €30 billion
- EBRD \$8 billion
- Financing framework for USD \$ 120 billion per year









26/05/2015

Doubling rate EE improvement by 2030

- Accelerated urbanisation=higher energy use
- African urban population to double by 2030
- China's building stock to triple by 2030=
building annual energy use to increase by 60%
by 2050,
- India to build 53 cities with over 1 million
residents by 2030
- New York city-15,000 yellow cabs, 75,000
elevators, 30 million rides/day, 19,000 more
elevators per year.



Doubling rate EE improvement by 2030

- DOW chemical uses as much power per day as the State of Texas or Australia
- DOW improves energy intensity (2005-2015), saving \$8 billion from \$1 billion invested
- SE4All EE Accelerator Platform for transport, buildings and industries.
- Copenhagen as SE4All EE Hub.



Doubling rate EE improvement by 2030

- EE represents almost 50% of GHG abatement potential by 2020 (1.5 GT of CO₂)
- Investing USD 170 billion every year in EE could generate an average rate of return of 17% and energy savings of up to USD 900 billion/year
- EUR 1 million spent in EE generates 17 to 19 jobs (as compared to 9 in the renewable industry).

