



SUSTAINABLE  
ENERGY FOR ALL

Presented by:

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Under Secretary-General  
Secretary-General's Special Representative & CEO  
Sustainable Energy for All Initiative (SE4ALL)

at the  
Annual Session of the Committee on Sustainable Energy  
UNECE  
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## Where are we today?

- Currently, 1.3 billion are without electricity, 2.8 billion use biomass.
- By 2030 , 3 billion more people will join the middle class, 169 people per year
- By 2030 over 60% will live in cities – an urbanized world
- Energy demand will increase by 50 – 60% by 2030
- Global carbon emission at an all-time high in 2012
- IEA June 2013, on a path toward 5.3 Degrees – Celsius by end of century

## Why an energy transition?

- The world faces three great energy challenges in the coming decades.
- First, ending energy poverty. We need to ensure every person has access to electricity and modern energy sources for cooking and heating.
- Second, we need to strengthen economic growth in a way that's equitable and satisfies growing energy demand.
- Third, we need to slow the warming of our planet by reducing global emissions.
- In essence, we need to turn on the lights for every household, while turning down the global thermostat.





## United Nations & World Bank

“Energy is the golden thread that connects economic growth, increased social equity and an environment that allows the world to thrive.”

*UN Secretary-General Ban Ki-moon*

“Ending poverty and ensuring sustainability are the defining challenges of our time. Energy is central to both.”

*Jim Yong Kim - World Bank Group President*

# *Sustainable Energy for All initiative*

**One Goal: Achieving Sustainable Energy for All by 2030**

**Three Targets:**



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ENSURING  
*universal access*  
TO MODERN ENERGY  
SERVICES.



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DOUBLING THE GLOBAL  
RATE OF IMPROVEMENT IN  
*energy  
efficiency.*



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

# *Sustainable Energy for All initiative*

**INVESTMENT OPPORTUNITY**

**USD 600 - 800 BILLION per year**



## Aligning 4Ps for SE4ALL Revolution

- Politics
- Public – Policy
- Pricing
- Public-Private Partnerships

## Post 2015/SDG: Additional Targets

- Zero premature deaths from indoor air pollution
- Modern Energy Services for 400, 000 Primary Health Care Units in developing countries
- Energy & Food Nexus
- Energy & Water Nexus
- Energy & Women Nexus

## C2K: For Real People





# GOVERNANCE

## Advisory Board

With UN Secretary – General Ban Ki-moon and World Bank Group President Jim Yong Kim as Co-Chairs

### **Comprise of members from:**

the private sector,  
Civil society, Foundations, and Eminent Personalities  
Finance Institutions  
Government Officials  
UN & International Organizations

# GOVERNANCE

## Advisory Board

### Outstanding new additions include:

US Secretary of State, John Kerry

Director-General of the Russian Energy Agency - Mr. Kirill Lugovtsev  
CEO and Chairperson of the Global Environment Facility-Dr. Naoko Ishii

President of the Asian Development Bank- Mr. Takehiko Nakao  
Ambassador for Global Environment Affairs, Japan- Mr. Masahiko Horie  
President and CEO, World Wildlife Fund - Mr. Carter Roberts

# **GOVERNANCE**

## **Executive Committee (EXCOM)**

Chair - Chad O. Holliday

Bank of America – Board Chairman

Including 13 others

## **Global Facilitation Team**

Secretary General's Special Representative (SRSG)

& Chief Executive Officer (CEO)

# DELIVERABLES

Achieve an SDG for Energy

Mobilize investments for country level action-top down and bottom up

Mobilize private Sector through HIOs

Reinforce advocacy and civil society engagement

Institutionalize SE4All





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[www.sustainableenergyforall.org](http://www.sustainableenergyforall.org)