



SUSTAINABLE  
ENERGY FOR ALL

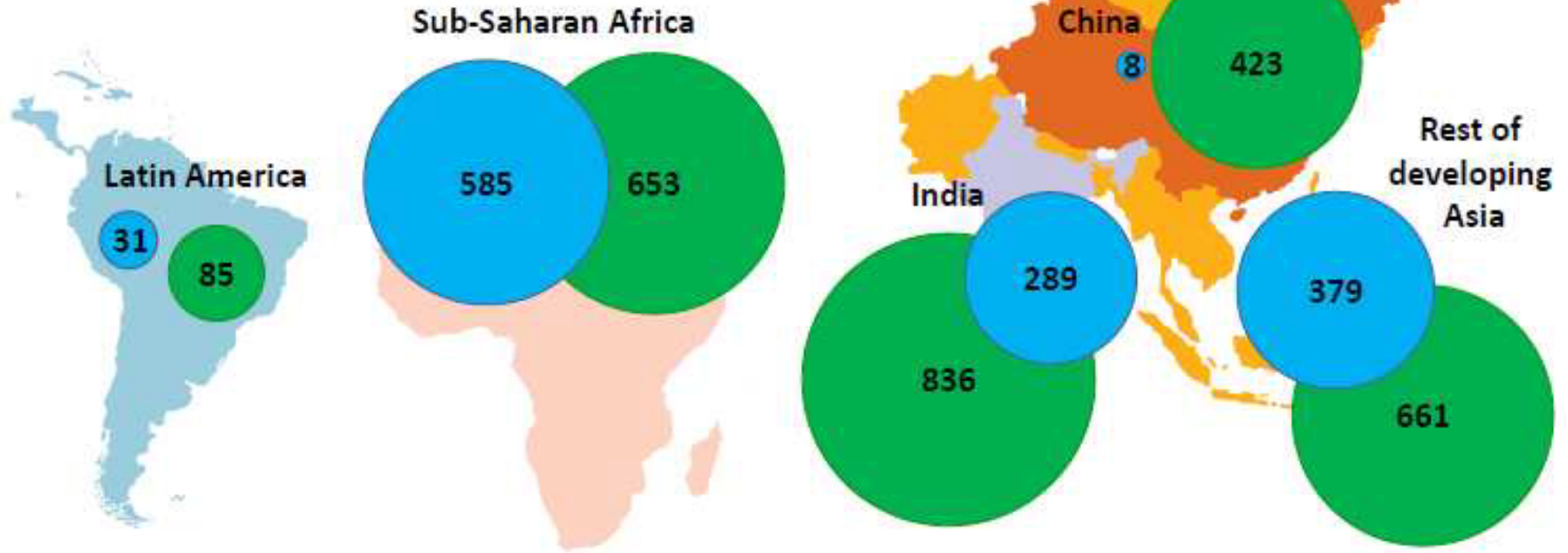
# **SUSTAINABLE ENERGY FOR ALL**

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**Special Advisor Knut M Aanstad  
Business of Clean Energy in Alaska Conference  
Anchorage Alaska, April 20, 2012**

# The background

- Million people without electricity
- Million people without clean cooking facilities



# Sustainable Energy for All

UN Secretary-General Ban Ki-moon calls on governments, businesses, and civil society to make significant commitments to accomplish three objectives by 2030:

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**1 ENSURE**  
*universal access*  
TO MODERN ENERGY  
SERVICES.

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**2 DOUBLE THE GLOBAL  
RATE OF IMPROVEMENT IN**  
*energy  
efficiency.*

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**3 DOUBLE THE SHARE OF**  
*renewable energy*  
IN THE GLOBAL  
ENERGY MIX.



# The Business Case for SE4All

The SE4A initiative is uniquely positioned...

...to achieve the three objectives by 2030

Clearly articulated global vision

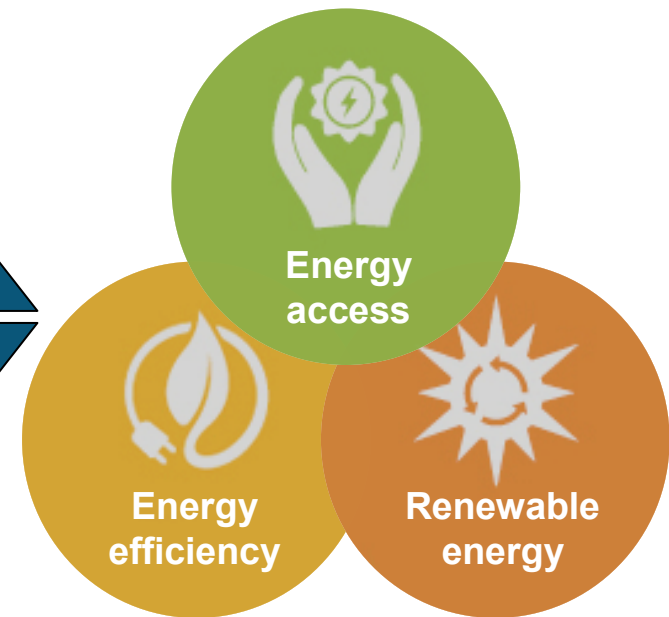
Unparalleled convening power

Ability to mobilise the boldest commitments

Shared commitment by partners ensuring coordination

Capacity to leverage large-scale investments

Large and rapidly expanding knowledge network



# Examples – Public Sector

- Develop national strategy for energy access
- Create environment conducive to private investment
- Construct supporting infrastructure
- Require efficient energy use by government agencies
- Adopt energy standards
- Implement utility reform
- Work to strengthen local financial institutions
- Help local energy services companies grow



# Examples – Private Sector

- Develop/deploy new business models
- Improve energy efficiency of operations and supply chains
- Require suppliers to measure, report, and reduce energy consumption
- Source increasing share of energy consumption from renewable sources.
- Develop new financing and market-based mechanisms
- Participate in the development of energy efficiency standards



# Examples – Civil Society

- Implement pilot projects to test deployment models
- Advocate for supportive policies and legislation
- Develop strategies for reaching communities
- Train entrepreneurs
- Support the strengthening of energy research institutions in developing countries.
- Undertake R&D
- Advocate and educate consumers to change purchasing and energy use behaviour



# 11 Action Areas

## Sectoral Action Areas

- A Modern cooking appliances and fuels
- B Distributed electricity solutions
- C Grid infrastructure and supply efficiency
- D Large scale renewable power
- E Industrial and agricultural processes
- F Transportation
- G Buildings and appliances

## Enabling Action Areas

- W Energy planning and policies
- X Business model and technology innovation
- Y Finance and risk management
- Z Capacity building and knowledge sharing





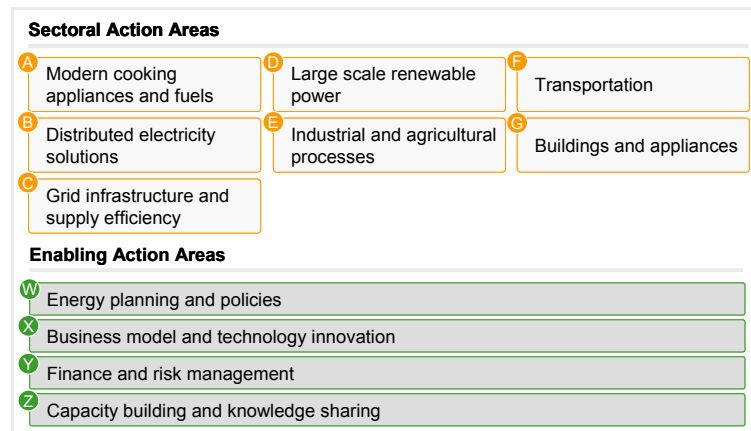
# SE4All and Alaska

## Challenges

- 15% served by small, stand-alone diesel generation
- Dwindling supply of Cook Inlet gas
- Inefficient natural gas-fired electric generation
- Least energy efficient state in US?

## Opportunities

- Leader in designing and installing wind-diesel hybrid systems
- Large renewable resources
- North Slope Gas
- Political recognition of the issues



# How can you get involved?

- Record your actions and commitments with SE4All
- Join the ongoing initiatives where applicable
- Take leadership in developing new initiatives

For further information about  
SE4All please visit:

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

