



SUSTAINABLE
ENERGY FOR ALL

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Susan McDade

Vienna, 17 Dec 2013

Why Energy?

“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

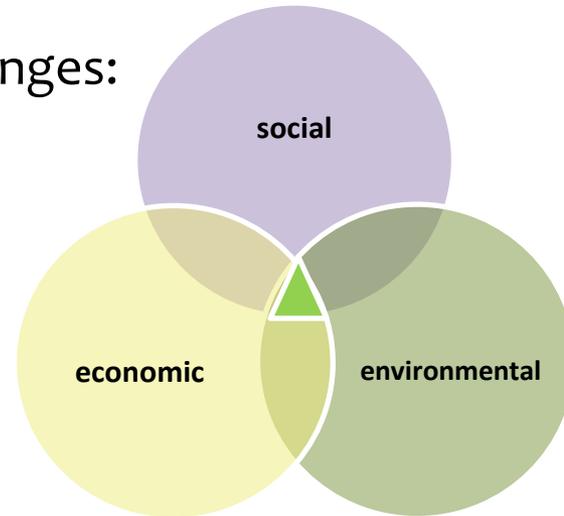
“Ending poverty and ensuring sustainability are the defining challenges of our time. Energy is central to both.”

-- Jim Yong Kim - World Bank Group President



Why are we here today and why do we need SE4All?

The world faces three great energy challenges:



1. First, ending energy poverty. Ensure that every person has access to electricity and modern energy sources for cooking and heating.
2. Second, we need to strengthen economic growth in a way that's equitable and addresses growing energy demand.
3. Third, we need to slow the warming of our planet by reducing global emissions and combatting local environmental destruction from energy.



Sustainable Energy for All initiative: SE4All

One Goal: Achieving Sustainable Energy for All by 2030

<http://www.se4all.org>

Three Targets:



ENSURING
universal access
TO MODERN ENERGY
SERVICES.

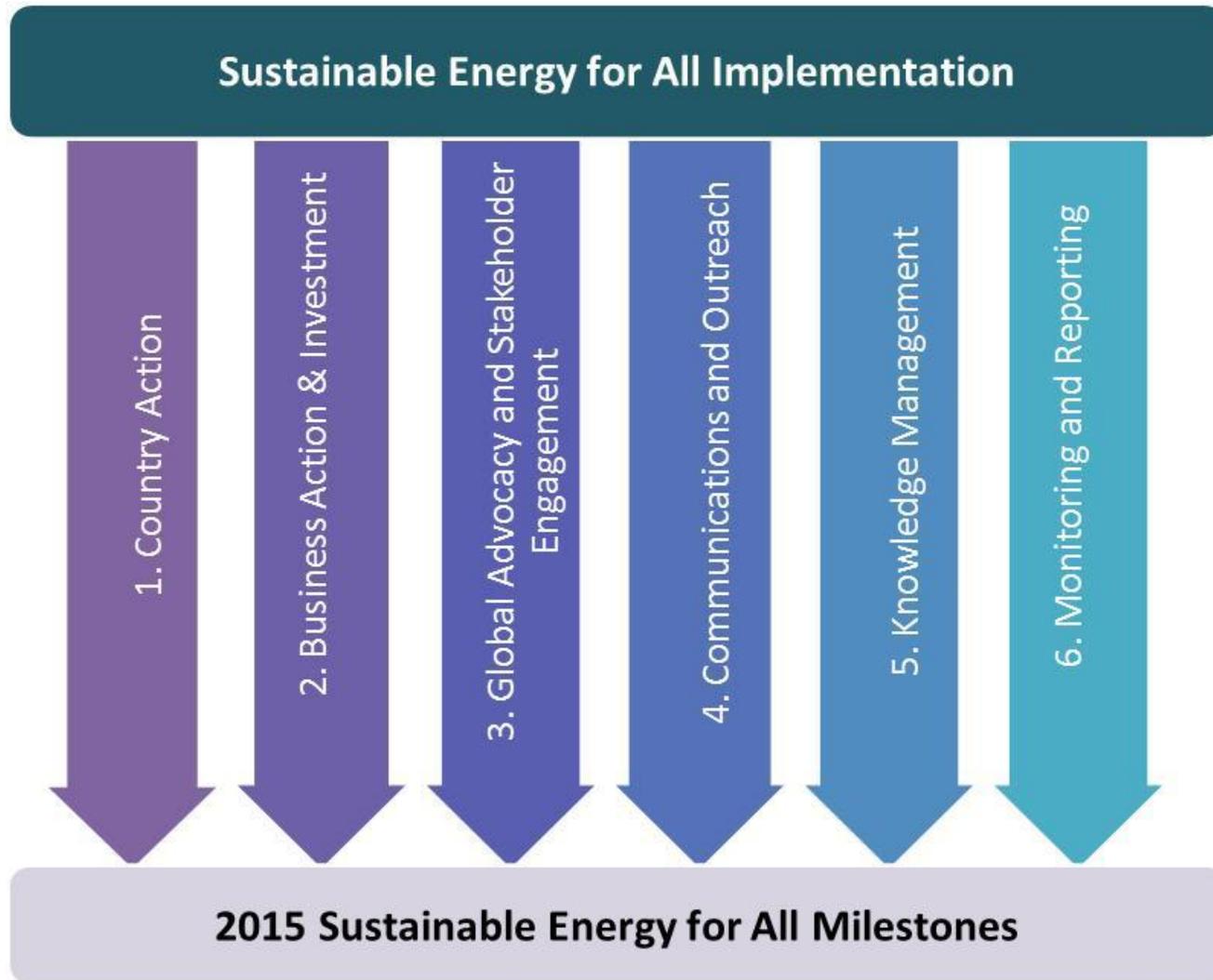


DOUBLING THE GLOBAL
RATE OF IMPROVEMENT IN
*energy
efficiency.*



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

SE4ALL Workstreams



Workstream

Global Advocacy & Stakeholder Engagement



Global Advocacy & Stakeholder Engagement

- **Rio +20 Outcome Document:**

“We are all determined to act to make sustainable energy for all a reality and, through this, help to eradicate poverty and lead to sustainable development and global prosperity.”

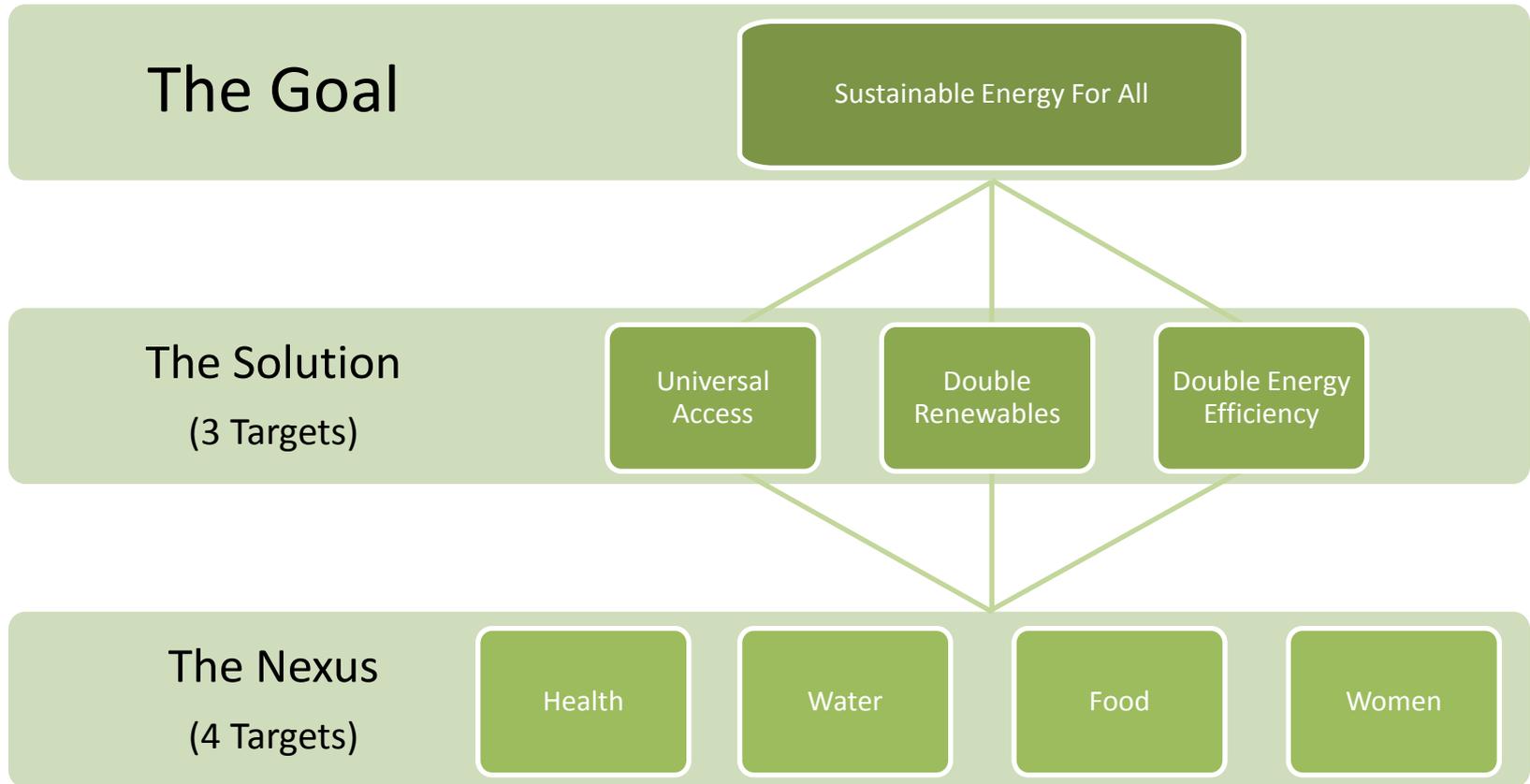
- The **General Assembly** declared 2014-24 as the **Decade of Sustainable Energy for All**

- Regional/International level:

- Declaration by **Energy Ministers of Africa** (2012)
- Declaration by **SIDS Energy Minsters** (2012)
- **EU** commitments to Sustainable Energy for All (500 M more people energy access by 2030)
- **Clean Energy Ministerial**'s commitment to SE4ALL
- **Asia and the Pacific Energy Forum** (2013)



SE4ALL: A Coherent Solution and Nexus Enabler



Country Level Action



Country Level Action

| Region | Africa & Middle East (43) | | Americas & Caribbean (19) | Asia Pacific (14) | Europe & CIS (5) |
|------------|---|--|---|--|--|
| RA/GA (42) | <ul style="list-style-type: none"> • Angola • Benin • Botswana • Burkina Faso • Burundi • Cameroon • Cape Verde • Central African Republic • Chad • Congo • Cote d'Ivoire • Democratic Republic of Congo • Equatorial Guinea • Ethiopia • Gabon • Gambia • Ghana • Guinea-Bissau • Guinea-Conakri • Kenya | <ul style="list-style-type: none"> • Lebanon • Lesotho • Liberia • Malawi • Mali • Mauritania • Mozambique • Namibia • Niger • Nigeria • Rwanda • Sao Tome and Principe • Senegal • Sierra Leone • South Africa • Sudan • Swaziland • Tanzania • Togo • Uganda • Zambia • Zimbabwe | <ul style="list-style-type: none"> • Argentina • Barbados • Belize • Bolivia • Colombia • Costa Rica • Dominican Republic • Ecuador • Grenada • Guatemala • Guyana • Honduras • Jamaica • Nicaragua • Peru • Saint Vincent and the Grenadines • Suriname • Trinidad and Tobago • Uruguay | <ul style="list-style-type: none"> • Afghanistan • Bangladesh • Bhutan • Cambodia • Fiji • Indonesia • Laos • Malaysia • Mongolia • Myanmar • Nepal • Pakistan • Philippines • Sri Lanka | <ul style="list-style-type: none"> • Armenia • Kyrgyzstan • Montenegro • Tajikistan • Moldova |

RED = Rapid Assessment completed

December 4, 2013



Country Level Action

- Country mapping exercises: identify current situation (rapid assessments)
- Gap Analysis: identify priority areas needing increased attention

Key Elements

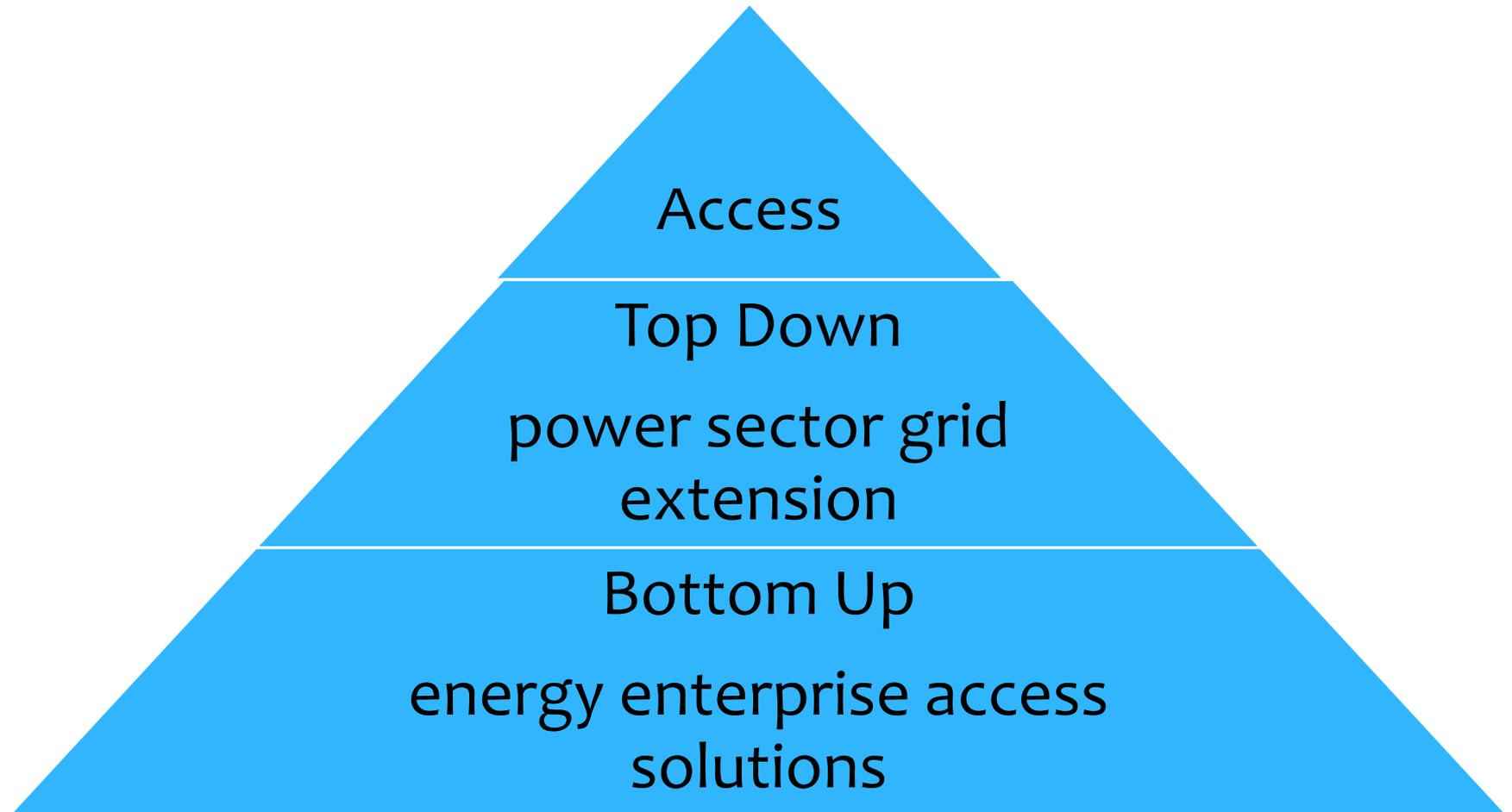
1. Strong National Coordinating mechanism
2. All development partners engaged
3. Multi ministry approach
4. Multi sectoral approach
5. Engage civil society and business

Variables

1. Role of UN Resident Coordinator
2. Role of Regional Devt Banks
3. Link with High Impact Opportunities (HIO)
4. Link to national budget cycle
5. Measuring results
6. Scaling up good pilots



Energy Access: One challenge different solutions



Business Action & Investment



Catalyzing Investment and Business Action

- Initial set of 50 potential HIOs identified
- Most advanced HIOs:

Close to being formalized

1. Energy and Women's Health
2. Phase out of Gas Flaring in Oil Production
3. Sustainable Bioenergy
4. Vehicle Fuel Efficiency
5. Water-Energy-Food Nexus

Discussions underway

1. Advanced Lighting & Appliance Efficiency
2. Energy Efficiency in Buildings
3. Off-Grid Lighting & Charging
4. Sustainable Energy for Island Economies
5. Universal Adoption of Clean Cooking Solutions



Communications & Outreach



Communications & Outreach

- The initiative has received **televised coverage** on CNN International, the BBC, and China Central Television (CCTV) as well as **print exposure** in the Financial Times, National Geographic, Huffington Post, Science Daily, Nature Climate Change, among others
- The **SE4ALL** website is www.se4all.org



Workstream

Knowledge Management



Knowledge Management

- The GFT is working on the design of a **collaboration platform**
- Three IT providers have been assessed
- Negotiations are currently underway



Monitoring and Reporting



Monitoring and Reporting

- In May 2013 the **Global Tracking Framework** was launched
- 15 agencies worked under the leadership of the World Bank and the IEA to produce this framework
- This framework for data collection and analysis will enable us to monitor progress



The Structure of the Initiative



The Structure of the Initiative



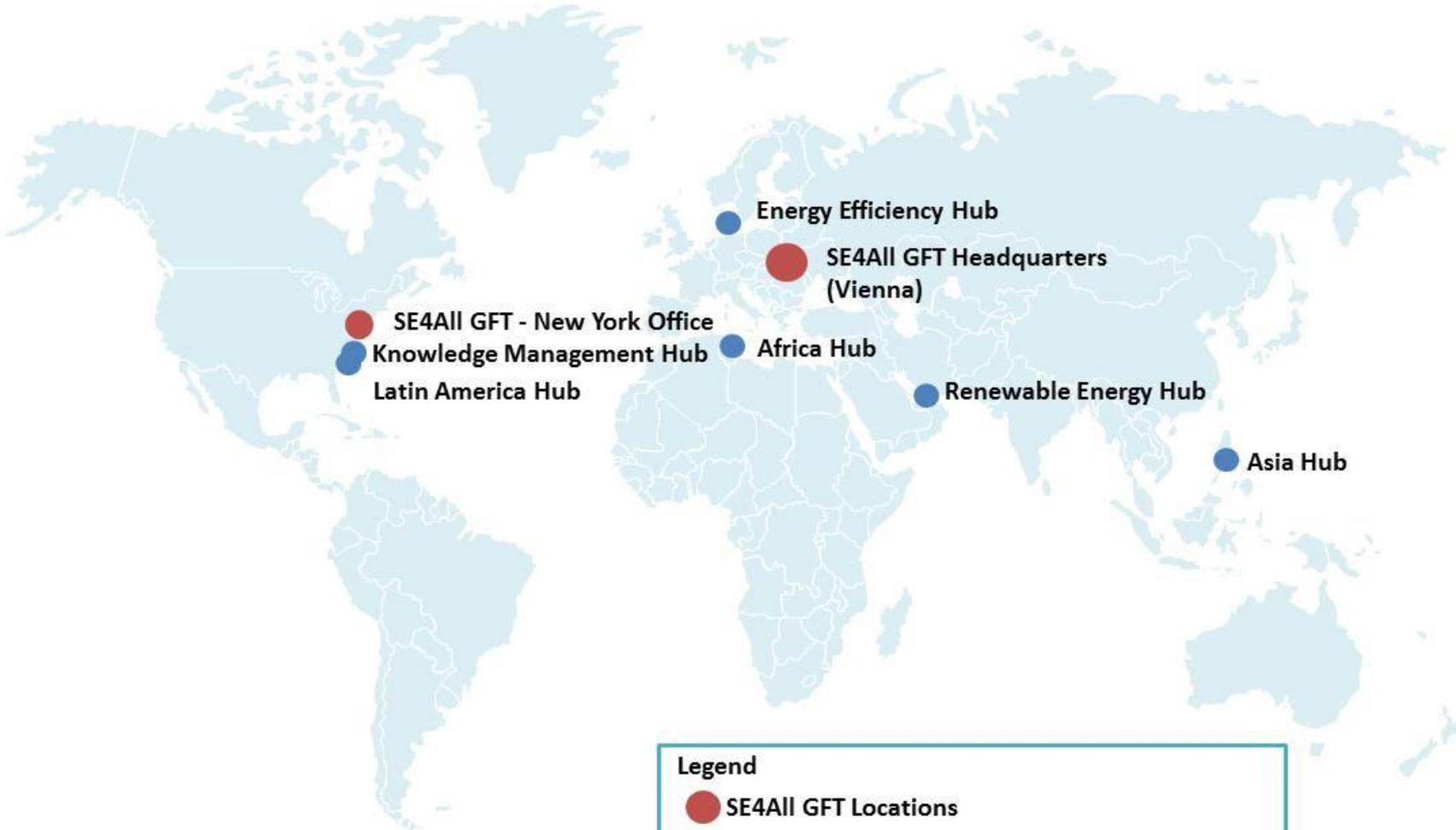
The SRSG and CEO of SE4All

Dr. Kandeh K. Yumkella

Special Representative of the
United Nations Secretary
General's Initiative on
Sustainable Energy for All



Map of the Initiative



Legend

● SE4All GFT Locations

● Proposed Regional and Thematic Hub Locations



Key Milestones in 2014

- Launch of Decade of Sustainable Energy for All Abu Dhabi, January
- Sustainable Development Summit New Delhi, February
- EU- Africa Energy Ministers Meeting Addis, February
- Advisory Board Meeting Washington, April
- Clean Energy Ministerial Korea, May
- SE4All Global Meeting New York , June
- World Water Week Stockholm, September
- GA Special Session on Climate Change New York, September
- Advisory Board Meeting Vienna, November
- COP20 Lima, December
- Post MDG framework agreed New York, December

