



SUSTAINABLE
ENERGY FOR ALL

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Susan McDade,

The Hague

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 in the coming decades.

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.sustainableenergyforall.org/objectives>

Three Targets:



ENSURING
universal access
TO MODERN ENERGY
SERVICES.

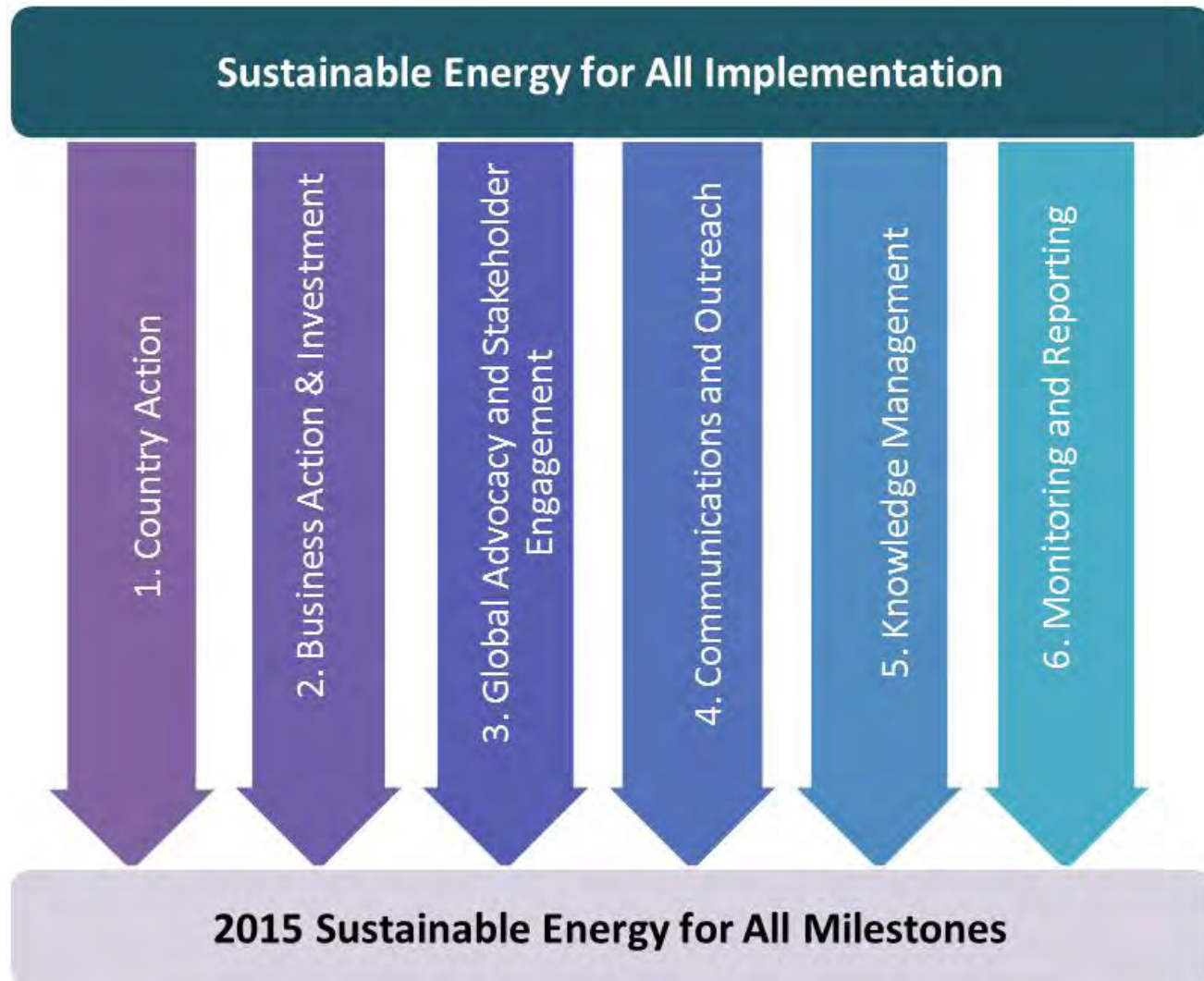


DOUBLING THE GLOBAL
RATE OF IMPROVEMENT IN
energy efficiency.



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

SE4ALL Workstreams





The Structure of the Initiative



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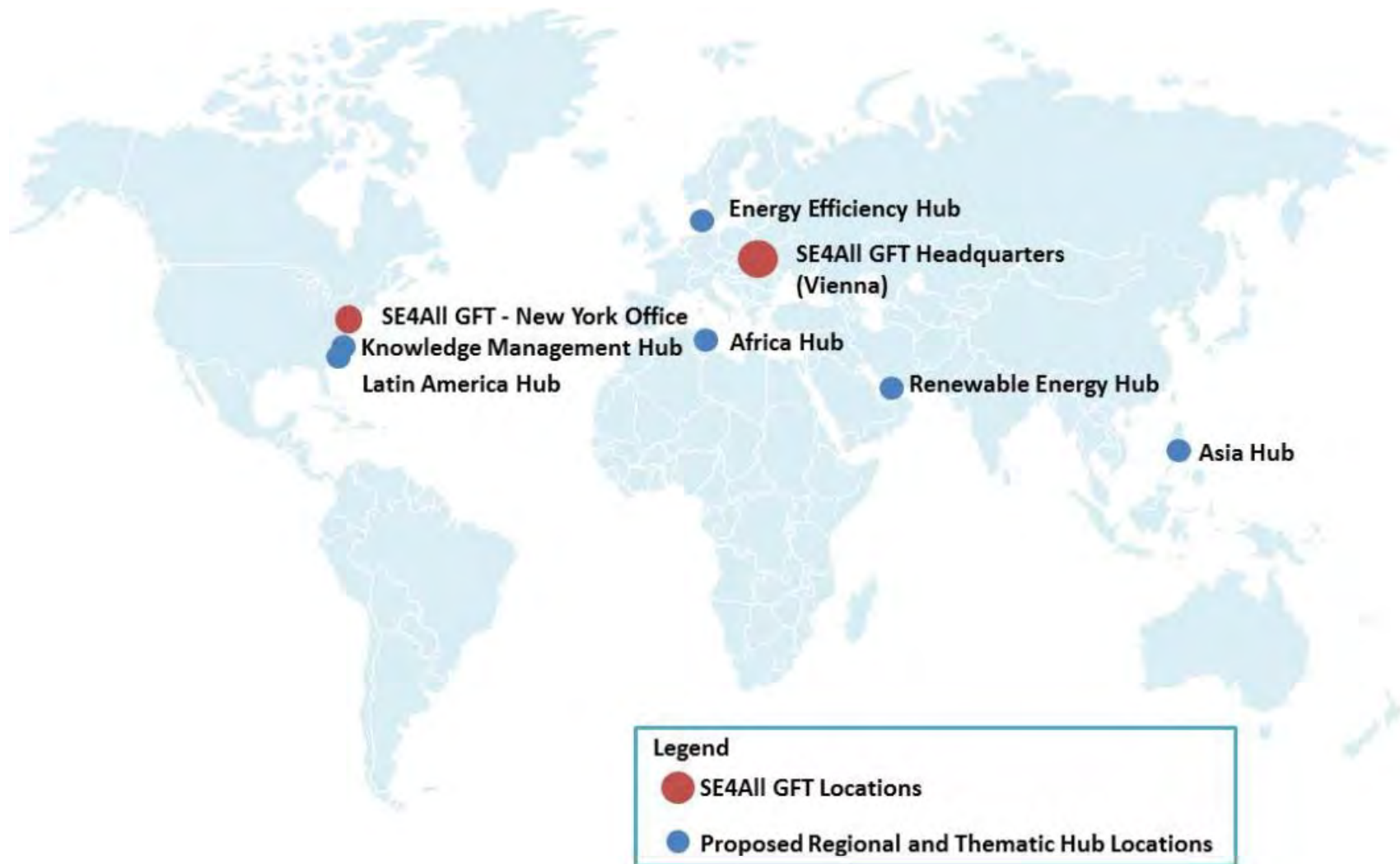


The GFT: Structure

Organization Structure of the Sustainable Energy for All Global Facilitation Team



Map of the Initiative



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.”

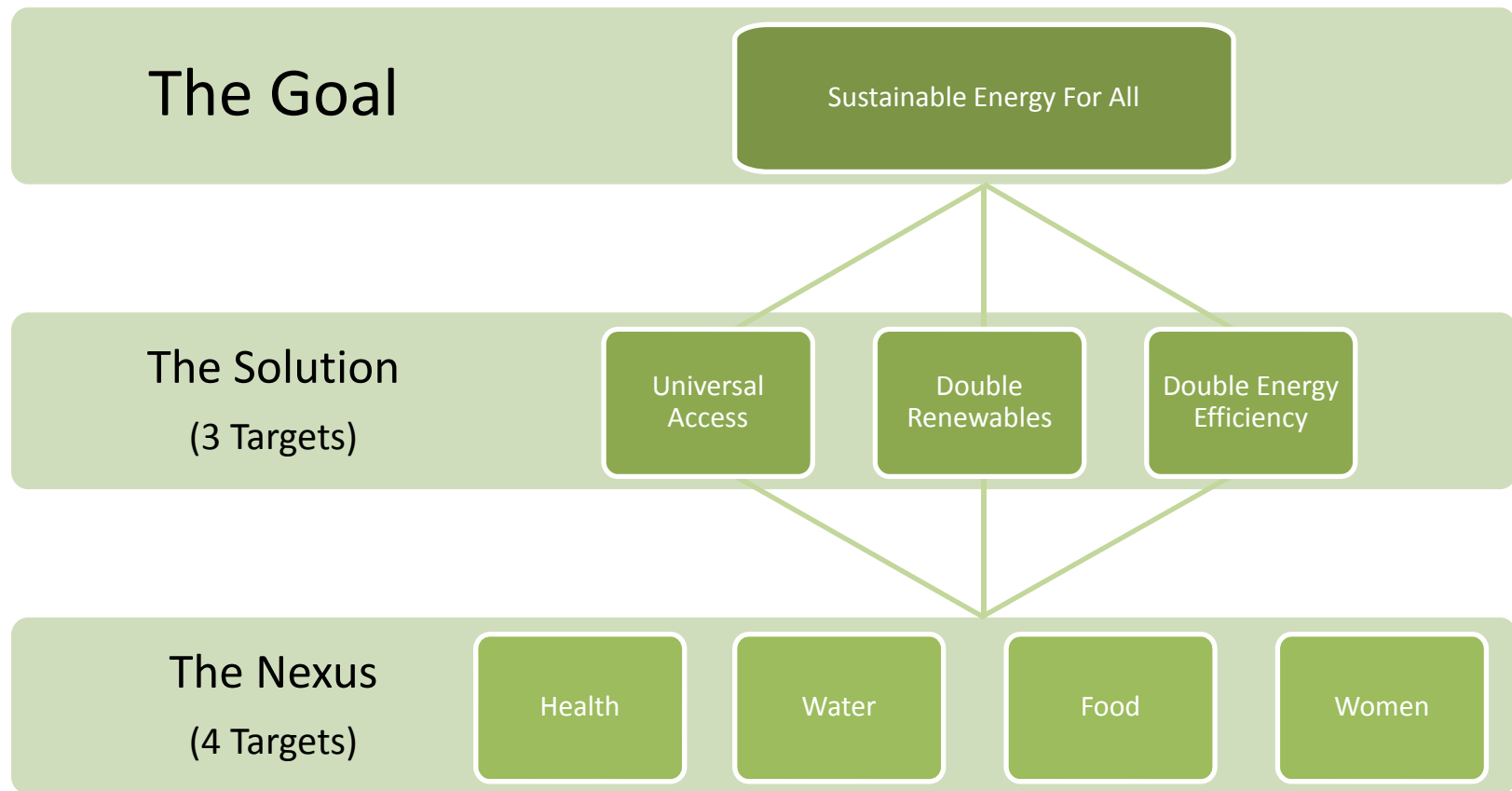
- The **General Assembly** declared 2014-24 as the **Decade of Sustainable Energy for All**

- Regional/International level:

- Declaration by **Energy Ministers of Africa** (2012)
- Declaration by **SIDS Energy Ministers** (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



Workstream

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 • Somalia • 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

October 23, 2013



Catalyzing Country Action

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

Key Elements

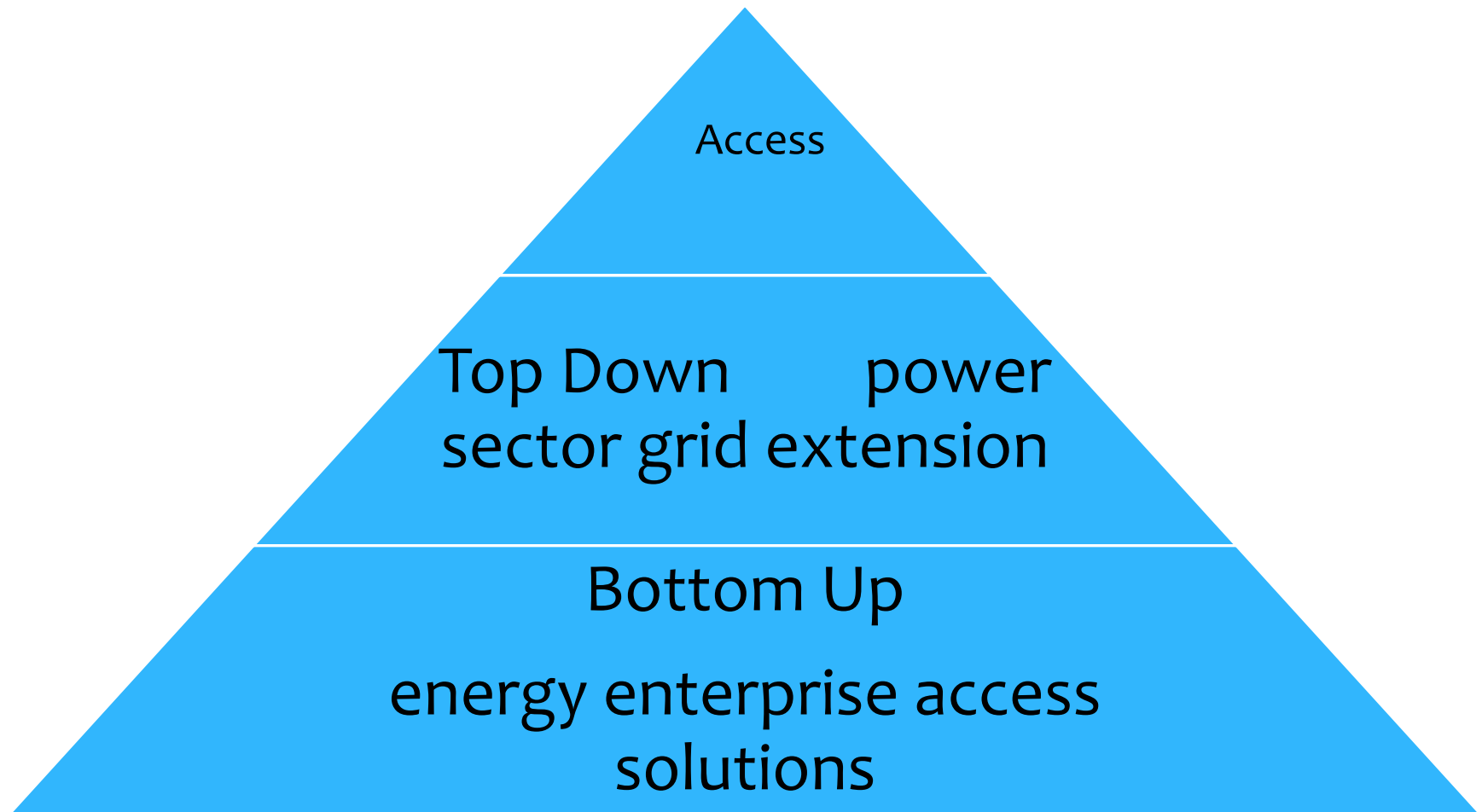
1. Strong National Coordinating mechanism
2. All development partners engaged
3. Multi ministry approach
4. Multi sectoral approach
5. Engage civil society and business

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



Workstream

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



Workstream

Knowledge & Outreach



The Knowledge Gap

- Proper information and data on which to make crucial decisions will be critical to the success of SE4All.
- Much of the necessary information and data is available but unfortunately it is either dispersed or not readily accessible
- Some information and data is also not available in key areas and research is needed.



Addressing the Knowledge Gap

- Diverse institutions cooperate to address at least three types knowledge needs that could be organized into the following three pillars:
- Pillar 1: Research focusing on data, development pathways and information that can be derived from more scientific and modelling work
- Pillar 2: Research focusing on supporting implementation through frameworks that track and monitor progress and provides feedback for improving implementation (such as the Global Tracking Framework)
- Pillar 3: Research and policy analysis that collects information and data and organizes and makes this information and data readily accessible to policy- and decision-makers in the form of policy briefs, white papers, and other means of broad dissemination



The Partnership to Address the Knowledge Gap

Knowledge Hub Anchored in ESMAP: What is being explored:

- A network of institutions working together along the three pillars.
- Careful selection to ensure proper developed and developing country institutions
- Balance of work to be promoted in all the three goals of SE4ALL
- Emphasis on open access and knowledge-sharing



Knowledge Management

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



Workstream

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



Conclusion

- Sustainable Energy for All by 2030 is achievable
- Support is needed for implementation on the country level
- Need to hear from partners the best way to work together for results



Workstream

www.se4all.org

